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GRAHAM H. BROOKINS
Experience

Work Experience

PHP & MariaDB Developer / Systems Administrator
Brookins Consulting, Dallas, Texas   02/2001 – Present
- Providing quality, simple, comprehensive, complete, all inclusive end to end solutions.
- Responsible for estimating and developing **PHP, SQL, Perl and HTML5/CSS/JS projects.**
- Working very closely with customers on a continuous basis to deliver specific desired functional end results ahead of schedule and on budget.
- **Develop**, program, maintain, update, release custom dynamic database driven, object oriented, web applications solutions using a large range of programing languages, tools and technologies as needed to fulfill customer request requirements.
- **Design**, implement, style, debug, functional interfaces, user interfaces, interface workflow, testing, ui design to exceed functional requirements and retain maximum cross browser compatibility.
- **Project Management** of customer projects, development management, meetings, demos, releases announcements/meetings, training and continued customer support. Management, networking, integration, support, supervising of internal and external resources working with project teams on completing customer deliverables ahead of schedule.
- Configuring and **managing services infrastructure**, including Name, Mail, Web, and Database services on GNU/Linux operating systems.
- **Automated** development and maintenance with git based mirroring solutions created by developer with Ruby and Python using GitHub Rest APIs.
- Configuring and managing server infrastructure running **RedHat Enterprise Linux** and **GNU/Linux** Operating Systems, including initial and ongoing configuration and patching.
- Configuring and managing network infrastructure, including all aspects of IP connectivity, security, local area networking, cabling, installation, configuration and management.
- **Contribution and Support** of Free Software / Open Source communities, products, solutions, projects and returning useful source code changes, knowledge, temperance and documentation back into the community.

Please review the list of applications and websites that I've completed in PHP since 2001, along with a descriptive list of the functionality and work involved.

Contextual Code
www.contextualcode.com
- *Web application development team's subject matter expert, development, design and quality assurance. Utilizing PHP5, MariaDB 10, HTML5, Bootstrap, Javascript/Jquery, Apache2, Git/GitHub/BitBucket, HipChat/IM, AWS, S3, eZ Platform 6, eZ Platform 5, Symfony 2/3, eZ Publish 5, LAMP server installation configuration and web application development expertise.*
- *Extensive bug fixes to existing websites php and javascript for various issues.*
- *Created all new site wide content reporting systems as separate reusable / extendable extensions.*
- *Created all new symfony bundles to provide additional website features and functionality*
- *Created member only content sections.*
- *Worked on responsive designs using bootstrap*

- o *Fixed site features and made improvements.*
- o *Worked daily on over 32 different website projects*
- o *Documented time and changes using project issue tracker.*

Xpressdocs
www.xpressdocs.com
- o *Web application development of new features, bug fixes, code standards refactoring, PHPDoc code documentation, procedure and negative feature documentation. Innovative solutions for multiple projects and tasks simultaneously. Working independently and with teams in a fast paced environment continuously delivering dependable solutions within Agile + SCRUM practices.*
- o *HTML5, CSS2, Javascript, jQuery, Ajax, Template, Development*
  PHP5.3, Symfony 2 Components, Doctrine ORM, Doctrine Migrations, MySQL / MariaDB5, Apache Architect and implement factory design pattern custom photo service import services and integration into their existing eCommerce stores
- o *Architect and implement failure resistant REST based XML and JSON photo service APIs*
- o *Architect and implement feature rich bulk (zip file) content import and export systems*
- o *Implemented PHPUnit Testing*
- o *Implemented Doctrine ORM Migrations for all database modifications*
- o *Repeatedly and promptly resolved issue tickets the first time with forward thinking*
- o *Development of custom data import solutions*
- o *MacOS and Linux development, testing and staging environments*
- o *SVN for version control for all products*

Ruby Mirror GitHub Account Project
Brookins Consulting
https://github.com/ezpublishlegacy
https://github.com/ezecosystem

- o *Problem: Business need for a simple ruby script which obtains through github.com web services all the repositories for an account and mirrors them and continues to sync them up with further upstream vendor changes over the course of the years to come.*
- o *Solution provided for all the needs for this internal project and was refactored later to support multiple accounts.*

Common Places
www.universalusa.com
- o *Web application development team's subject matter expert, development and quality assurance. Utilizing PHP5, MariaDB/MySQL5, HTML4, Javascript, Apache2, SVN, LAMP server installation configuration and web application development expertise.*
- o *Extensive bug fixes to existing website php and javascript for various issues.*
- o *Created all new site wide content sorting solution from scratch.*
- o *Created member only forum section.*
- o *Fixed site friend request and decline features.*
- o *Added forum content edit, move and delete features.*
- o *Created facebook wall like comment feature for user profiles.*
- o *Educated site admin on enhancements. Documented time and changes using project issue tracker.*

www.sanyocomponentsdirect.com
- o *Rescued down site in less than 2 hours of evaluation and restoration. Database connectivity restored and caches cleared. Site restored and verified promptly upon request. Backed up web application and databases on behalf of the customer.*

Silent Cal Productions
www.ricochet.com

- *Web application development team's subject matter expert, development and quality assurance. Utilizing PHP5, MariaDB/MySQL5, HTML4, Javascript, Apache2, SVN, LAMP server installation configuration and web application development expertise.*
- *Extensive bug fixes to existing website php for various issues.*
- *Extensive new feature development to the entire site.*
- *Created the headlines news aggregator section of the site.*
- *Created new backstage forum section of the site.*
- *Created member conversation section of the site.*
- *Created member promotion of conversation content to homepage cronjob.*
- *Created extensive site statistics reporting functionality web based, cron scripts for conversations, comments and more from scratch.*
- *Created custom user, realname and email address user search from scratch.*
- *Created extensive custom rss feeds from scratch including member feeds, main site feed, conversation feeds and podcast / itunes feeds.*
- *Created member profile conversations functionality.*
- *Implemented user sudo functionality for becoming logged in user in website.*
- *Implemented javascript based image gallery.*
- *Created custom page pagination and limits.*
- *Implemented New Feature Blog. Added conversation tagging support.*
- *Created database driven podcast section of the website. Implemented google sitemap generator for multiple sitemaps.*
- *Created content archival script which moved content older than a variable length of time.*
- *Added customer user attributes and related functionality with javascript word limit feature.*
- *Template validation and related cleanup sitewide.*
- *Found, documented, patched and reported vendor product bugs.*
- *Extensive use of SVN to submit changes. Emergency support provided to find and fix critical issues.*

American Health Care Academy
www.cpraedcourse.com

- *Web application development team's technical lead, development and quality assurance. Utilizing PHP5, MySQL5, HTML4, Javascript, Apache2, SVN, LAMP server installation configuration and web application development expertise.*
- *Responsible for the development of the next generation of website.*
- *Creation of replacement web based testing application written in PHP5, MySQL5 on LAMP server using the CodeIgniter Framework*
- *Responsible for server administration as well as development..*
- *Integrated multiple user comments and suggestions into website.*

FoodForHealth
www.CommunicatingFoodForHealth.com

- *Web application development team's technical lead, development and quality assurance. Utilizing PHP5, MariaDB/MySQL5, HTML4, Javascript, Apache2, SVN, LAMP server installation configuration and web application development expertise.*
- *Implemented payment gateway Authorize.Net and web based content subscription solution.*
- *Responsible for guiding customer through the use of the web content management system and subscription solution.*

Aplyca

www.luxgoddess.com

- o *Web application development team's technical lead, development and quality assurance. Utilizing PHP5, MySQL5, HTML4, Javascript, Apache2, SVN, ACL, Backup automation, WAMP server installation configuration and web application development expertise.*
- o *Develop, maintain and release existing PHP dynamic database driven web application import mail, status check programs. Documentation of code review, development process review, document breakdowns, creating resolution recommendations and proposals.*
- o *Web application development team's lead technical consultant.*
- o *Utilizing eZ Publish 4, Zend Framework, PHP5, MySQL5, HTML4, BASH, Apache2, SVN*
- o *LAMP server installation configuration and web application development expertise.*
- o *Executed existing software code review, updates and improvements both functional and aesthetic.*
- o *Extensive time accounting documentation in addition to scrum sprint documentation.*
- o *Including testing fully all aspects of the surrounding public cms platform.*
- o *Customer required functional and general upgrades of multiple eZ Publish web application installations.*

BoxLight Media
www.milliondesign.com

- o *Develop, maintain and release existing PHP dynamic database driven web application import mail, status check programs. Documentation of code review, development process review, document breakdowns, creating resolution recommendations and proposals.*
- o *Web application development team's lead technical consultant.*
- o *Utilizing eZ Publish 4, PHP5, MySQL5, HTML4, BASH, Apache2, SVN*
- o *LAMP server installation configuration and web application development expertise.*
- o *Executed existing software code review, updates and improvements both functional and aesthetic.*
- o *Project Management of development team, design team and customer contact.*
- o *Extensive time accounting documentation in addition to scrum sprint documentation.*
- o *Including testing fully all aspects of the surrounding public cms platform.*
- o *Customer required functional and general updates of eZ Publish web application.*

Granite Horizon
www.granitehorizon.com

- o *Develop, maintain and release existing PHP dynamic database driven web application components and updates. Documentation of code review, development process review, document breakdowns, creating resolution recommendations and proposals.*
- o *Web application development team's technical lead, development and quality assurance. Utilizing PHP5, MySQL5, HTML4, Javascript, Apache2, SVN, ACL, Backup automation, LAMP server installation configuration and web application development expertise.*
- o *Executed existing software code review, updates and improvements both functional and aesthetic.*
- o *Including testing fully all aspects of the surrounding public cms platform.*
- o *Customer required functional and general upgrades of multiple eZ Publish web applications.*
- o *Website is pending production release, Diocese of Stockton*
- o *Website is pending production release, Schaumburg Township District Library*

Handmark
www.handmark.com

- *Develop, maintain and release existing PHP dynamic database driven web application components and updates. Documentation of code review, document reviews, document breakdowns, creating resolution recommendations and proposals.*
- *Web application development team's technical lead, development and quality assurance.*
- *Utilizing Zend Framework, PHP5, MySQL5, HTML4, Javascript, Apache2, SVN, VmWare, CentOS, LAMP server installation configuration and web application development expertise.*
- *Designed and re-implemented custom, ajax, Zend Framework PHP, MVC internal backend administration website. Regularly assisted Lead designer in re-implementing smarty templates cleanly in as packages easily overrideable.*
- *Responsible for writing PHPUnit Tests from scratch and updating existing tests.*
- *Executed existing software code review, updates and improvements both functional and aesthetic..*

Verizon Business
www.verizon.com
Intranet sites: ctc.vzbi.com and techweb.vzbi.com
- *Web application development team's technical lead, development and quality assurance. Utilizing PHP5, MySQL5, HTML4, Javascript, Apache2, SVN, ACL, Backup automation, WAMP server installation configuration and web application development expertise.*
- *Executed existing software code review, updates and improvements both functional and aesthetic.*
- *The goal to upgrade all WAMP dependencies and identify / resolve any bugs or functionality loss as a result of the upgrades.*
- *Including testing fully all aspects of the surrounding intranet platform.*
- *Customer facility required an upgrade of their internal web server and web applications.*

Strategy Street
www.strategystreet.com
- *Designed and created the eZ Publish solution which extended Strategy Street's existing eZ Publish installation to provide website content subscription purchases from their eZ Publish website / webshop.*
- *Designed and created the eZ Publish solution using a single flexible set of different extensions.*

Merchant Warehouse
www.merchantwarehouse.com
- *Completed redesign of existing web forms*
- *Added complex web 2.0 form validation*
- *Reimplemented web shop checkout process*

Alcone Company, LTD
www.alconeco.com
- *Extended Alcone's existing eZ Publish installation to provide from customized administration product statistics tracking features for the shop admin, Google Analytics e-commerce order and pageview statistics tracking, export of over 50,000 customer feedback submissions to csv file, Authorize.net Payment Gateway integration and continued feature development.*

Brookins Consulting
www.brookinsconsulting.com
- o *Completed redesign of primary company website in 2001, 2002, 2005, 2007, 2008, 2014.*

Max's Closet
www.maxscloset.com
- o *Completed creation of eZ Publish website to provide customized administration product statistics tracking features for the shop admin, Google Analytics e-commerce order and pageview statistics tracking, Authorize.net Payment Gateway integration and unique shop feature development.*

eZecosystem.org
www.ezecosystem.org
- o *Brookins Consulting eZ Publish Development Staff contribute a dynamic web application platform which automatically updates to this website from over 68 different remote web service sources.*
- o *eZecosystem.org is a community driven effort who's goal is to provide a complete sets of freely available 'eZ Platform' and 'Symfony' related information of activity within these two key communities. eZecosystem is a one stop look at everything going on in both communities and many other sources.*
- o *Motivated by the eZ community, Graham Brookins started to work on an eZ publish single page of the latest activity in several web sources before the holidays of 2012.*

eZpedia.org
www.ezpedia.org
- o *Brookins Consulting eZ Publish Development Staff contribute text updates to this website.*
- o *eZpedia is a community driven effort who's goal is to create complete sets of freely available 'eZ publish' documentation created and maintained by the community for the community.*
- o *Motivated by the eZ community, Kristof Coomans started to work on an eZ publish wiki short before the summer holidays of 2006.*
- o *At the beginning of November 2006 the project was restarted by Kristof and Graham Brookins.*
- o *Heavily inspired by Wikipedia, Kristof proposed to call the project eZpedia, Graham bought the domain, And eZpedia was born!*
- o *Created IRC Chat bot integration providing for content query results via SOAP API I developed which is still available to this day.*

Prosoft Technology
www.prosoft-technology.com
- o *Completed recreation of eZ Publish web application.*
- o *Continuous upgrades, updates and server administration support.*
- o *SEO optimization of content and application*
- o *Massive performance optimization changes*
- o *Migrated all resources into separate eZ Publish extensions*
- o *Prepared all extensions for certification and approval for eZ Publish Now.*

IBM
www.ibm.com

- Create and maintain external customer support web sites for System p5 hardware and software.
- Create and maintain internal support web sites for support representatives and technical analysts.
- Assisting the web architect in maintaining client and w3 standards on all projects by participating in UI reviews during the design process, and by testing/editing web applications during various stages of development.
- Working with development groups across multiple groups within the organization.
- Documenting technical subjects clearly and concisely to support both external and internal support sites or tools.
- Use of AIX, XHTML, CSS, W3 (internal and external web standards), XML, IBM System p servers..

eSession.com, LTD
www.esession.com

- Completed initial transition software branch from their v0.5.1 asp demo to a v0.6.7 php replacement for the asp demo.
- Provides a website detailing eSession talent, studios, articles, user eStudio : Song Creation Process management web application.
- Technologies included: **FLASH, XML, PHP5, SQL, CSS, Javascript, RSS, SVN, Apache, MySQL5, Perl, Postfix, Sendmail, Courier, Cron, Linux**
- Used **PHP** to refine, develop and extend object oriented functionality.
- **Develop**, **maintain** and **release** existing PHP dynamic database driven web application components and updates. **Documentation** of code review, development process review, document breakdowns, creating resolution **recommendations** and **proposals**.
- Use **SVN (Change management)** to identify, access, quantify, and verify the source code made available by past vendors to assure management the ability to reuse and refine pre existing assets; branch management, vendor code contribution tracking, bug tracking, build management and systems administration.
- Use **Flash Professional 8** to revise existing static dependencies in code to use dynamic code replacement and rebuild all flash swf files from source, daily
- Use **Issue management** software (Bugzilla, Elementool) to coordinate bug reporting and software change management tracking.
- Upgraded application components PHP support from v4.0 to v5.1. Responsible for rackspace.com web site network monitoring services, request tracking (bugzilla), web site (code) version control systems (svn/websvn) tools and procedures. Forwarding / Redirect / Parked domain management and dynamic holder page creation.
- Trained customer on the function, use, administration, maintenance and best practices.
- Systems administration and responsibility of all computer services, server software including web, dns, mail, phpMyAdmin, ticket, wiki, acl, ssh, file permissions, administration, production site, server operating system, backup management and server migrations.
- 2+ month relationship to present, representing several thousands of hours in project management, research, development and systems administration.
- Used **Software Automation** to refine and improve the company's IT toolset and processes to reduce IT administration and costs.
- Responsible for **Management** of both internal and external software development teams
- Responsible for **Management** of quality control processes
- **Development Lead** responsible for component development for all aspects of the project.
- Responsible for **Reviewing** and documenting the existing PHP/ASP based static web application, identifying components for replacement and software architecture **reorganization**
- Responsible for **Documentation** of existing **server** and **network** including machine **hardware**, **software**, network, **settings**, **configurations**, **services**, failover configurations.

- o *Administration of production serve and development web/db servers (RedHat Enterprise Linux) including DNS, Apache, MySQL, SVN, ACL, NFS, Firewall, **disk space management** and **creation of missing** production / development code / database **backups**.*
- o ***Supporting** multiple management, development and consultant **teams** by helping with **additional duties** on an anytime possible schedule.*

Ruby on Rails Project
Brookins Consulting

- o *Problem: Personal need for a wiki / web site solution for a client. Used Open Source Software available to fulfill this need.*
- o *Solution provided for all the basic and advanced needs for the client project.*

Twisted Throttle, LTD
www.twistedthrottle.com
- o *Provides a website detailing Mr. Stephens' company, inventory, forums and articles.*
- o *Technologies included: **HTML, PHP, SQL, CSS, Javascript, RSS, SVN, Apache, MySQL, Perl, RT, Postfix, Sendmail, Courier, Cron, Linux***
- o *Used **PHP** to refine, develop and extend object oriented mvc e-commerce web application back end, modules, and front end interface / design, which allowed users customers to create an account, post questions in moderated forums, purchase products, submit content such as images, links, articles. Developed and implemented new custom components and features to the e-commerce products, checkout, product categorization, cart, user registration, event calendar, news syndication (rss), product specials, product sitemap, web site url simplification (mod_rewrite), development and automation of Froogle and Yahoo Product Export (CSV), dynamic server side (cacheable) product image / article / photo gallery image watermarking to protect original full resolution images, lost account replacement password email reminder system, product numbers, product searching improvements, application performance improvements from too slow to use at all to instant page loading on both admin and user sites, custom credit card encryption / storage system, additional shipping methods, rewrite of ecommerce shipping system integrating with multiple different shipping providers, inline user side product and article editing, bulk file import bug fixes, bulkmail newsletter functionality implementation, replacement adjax product option manager, creation of products as options in entire web application, article content creation / html syntax optimization, including thousands of other smaller bug or negative feature fixes. Promotion of site through social bookmarking and news article sites.*
- o *Upgraded entire application PHP support from v4.0 to v4.3. Implemented alertra.com web site network monitoring services, request tracking (rt), web site (code) version control systems (svn/websvn) tools and procedures. Forwarding / Redirect / Parked domain management.*
- o *Trained customer on the function, use, administration, maintenance and best practices.*
- o *Systems administration and responsibility of all client services, server software including web, dns, mail, phpMyAdmin, ticket, wiki, acl, ssh, file permissions, administration, production site, server operating system, backup management and server migrations.*
- o *17+ month relationship to present, representing several hundreds of hours in project management, research, development and systems administration.*
- o *Used PHP to refine and improve an intuitive backend administrator interface that allows for all areas of content management to reduce IT administration and costs.*

State of Alaska - North Slope Borough
procurement.north-slope.org
- o *Provides a simple feature-rich website that allows companies to add profiles, contact information (contact manager), specify primary staff contact, browse other companies contact information, contact other users with the application, view proposals, view and download*

proposal attachments, submit bids to proposals, view planholders, view proposal attachment download statistics ordered by user profile.
- o Provides a simple feature-rich website administration that allows staff to add users, manage user permissions, manage proposals, manage proposal bids, manage proposal assignment / winning bidders, archive bids, manage files, manage categories, manage contacts and contact information, manage url shortcuts, manage page / article content, manage general web site configuration setting.
- o Technologies included: **HTML, CSS, PHP, SQL, Apache, Cron, Sendmail and Debian GNU/Linux.**
- o Used **PHP** and **Apache** to create a login reset mechanism that includes MD5 hashed keys, timestamps and user email address to create a virtual fingerprint of a user which would be compared to the fingerprint hash embedded in a link emailed to user upon request to reset password securely to avoid hijacked user accounts via email.
- o Used **PHP** to create the account creation, activation, terms agreement, update, and bid management, all of which are tied into the backend administrator portal.
- o Used **PHP** and custom algorithms to create a new eZ publish : eZ procurement module an extremely efficient member search, web mail, favorites, and "Send a Smile" product.
- o Used **PHP** to extend eZ user, eZ contact modules to more closely integrate additional user information, contact information and user contact relationships within the existing web application.
- o Used **PHP** to prevent accidental deletion of required system content, users and settings by staff
- o Used **Debian GNU/Linux** in the creation of the development server, hardening server security, and general new server configuration tuning.
- o Used **Apache** and **PHP** in from source installation of specific versions to support existing applications.
- o Relationally tied all aspects of user interaction into administration system so that the entire application can be administered and maintained by minimal staff via web browser. This application was designed to run with minimal incontinence for extended periods of time.
- o Public release of source code modifications to eZ publish 2 community via svn after delivered to the customer.
- o Server / Bandwidth upgrade recommendations for future production application hosting.
- o Continued training and support in the use, administration and maintenance of the web application.
- o 3+ year relationship, representing several hundreds of hours in project management, research, development, systems administration, and customer training.

eZ community

www.ezcommunity.net
- o Provides an online user community for businesses, users and developers of eZ publish 2 with continued support resources like forums, tutorials, howto, faq, files, svn, continued development / improvement of eZ publish 2 , paid support services and development.
- o Represents the restoration of documentation, source code, modules/extensions, forums, links, articles removed from the internet. Provides almost all documentation and code ever publicly available for eZ publish 2 in one location. Represents the restoration of documentation, source code, modules/extensions, forums, links, articles removed from the internet.
- o Provides a support resource, continued development and support of eZ publish 2
- o Technologies included: **HTML, CSS, PHP, SQL, Javascript, SVN, Apache, MySQL, Bind, Cron, Redhat Enterprize Linux**
- o Used **PHP** to create, customize and extend eZ publish to provide user community
- o Used **Apache** to provide web based services for over 15 different web services, sites and applications used by the community.

- o *Used **SVN** to provide version control services to the community to host eZ publish 2 package and additional module source code.*
- o *Used R**edhat Enterprize Linux** (operating system) to power the server, services, applications. Administered all aspects of dedicated collocated hardware, software and operating system.*
- o *Used **PHP** extensions to provide for compiled PHP object code caching to provide for improved performance and reliability.*
- o ***Used PHP to refine and improve an intuitive backend administrator interface that allows for all areas of content management to reduce IT management.***
- o *4+ year collaborative community effort and joint project between Brookins Consulting, Vail Rent Publishing and DB Informatics, representing hundreds of hours in project management, research, development, systems administration, and customer training.*

Reiss Studio
www.reiss-studio.com
- o *Provides an online e-commerce store for the sale of high-end 3D computer graphics software packages and plugins.*
- o *Technologies included: **HTML, PHP, SQL, Apache, MySQL, Linux***
- o *Collaborated on improvements to eZ region (v1.1.2), including states/regions, countries, iso codes from every known country on earth available at the time of publishing.*
- o *Used **PHP** and **templates** to refine the product catalog, shopping cart, sidebar templates layout, images,*
- o *Used **PHP** and **templates** create and offer extended layout options from with the administration.*
- o *Used **HTML** and **templates** to provide "Add to cart" image form submission buttons in product catalog and hot deal sidebar.*
- o *Used **MySQL** to trouble shoot and repair database corruption, repair bad data and normalize records.*
- o *Used PHP to refine and improve an intuitive backend administrator interface that provides for all content and product administration to reduce administration and incontinence costs.*
- o *4+ year relationship, representing a regular reoccurring development and support*

Alaska Industrial Hardware
www.aihalaska.com
mirror: aihalaska.brookinsconsulting.com
- o *Provides an online e-commerce store for the sale of automotive, construction, electrical, hand tools, maintenance, materials handling, outdoor equipment, outerwear, paint and sundries, plumbing, power tool accessories, power tools, safety, seasonal products to retail customers and business customers.*
- o *Technologies included: **HTML, PHP, SQL, Apache, MySQL, Linux***
- o *Used **PHP** to create additional user registration features (eZ region) to provide missing state component in user addresses.*
- o *Used **HTML** and **CSS** to style to create a lead generation system based on visitor input from various areas, including news, mail, coupons, and gift certificates.*
- o *Used **Filemaker, CSV** and **SQL** to create custom application to import product information and product category information in csv create custom schema, generate and export desired sql records.*
- o *Used **PHP** and **Apache** to hide PHP extensions as directories in certain areas of the website to allow deep-linking from various search engines.*
- o *Used **PHP** to create an intuitive backend administrator interface that allows for all areas of provisioning to reduce IT costs.*

eZ Authorize
Brookins Consulting

o *Problem: Businesses need seamless payment solutions for their eZ publish e-commerce applications, keeping the customer on their application server through the entire payment and checkout process (re: avoiding Paypal like, site redirects). eZ Authorize provides a complete secure solution for users of Authorize.net*
o *eZ Authorize provides a complete secure turnkey credit card payment gateway solution for Authorize.net and eZ publish 3*
o *Technologies included:* **HTML, PHP, Javascript, Curl, SSL**
o *Uses* **PHP** *classes to provide the functional requirements of accepting customer credit card payment information only under SSL encrypted connection, submission of credit card information in turn to Authorize.net Payment Gatway Service only under SSL encrypted connection. Authorize.net returns payment transaction results transparently and instantaneously to the user before returning the user to payment / transaction successfully completed order receipt script screen or returning them to the credit card information entry screen with a user friendly error message and suggestion to solving the error.*
o *Provides for insite payment processing, avoiding unnecessary and often ugly or confusing redirection to third party web site to submit credit card payment information. Promotes professional business image, credibility and customer view of business protection of the transmission of sensitive financial information between the customer and business directly.*
o *Used* **HTML** *to create a visual tutorial to educate new users how to install and configure the extension.* http://brookinsconsulting.com/solutions/ez_authorize/ez_authorize_tutorial
o *Licensed under the terms of the GNU General Public License and made freely available online:* https://github.com/brookinsconsulting/ezauthorize

Affiliations
o 08/1999 – Present, Alaska Linux Users Group (AKLUG) Member
o 02/2002 – Present, eZ publish user and developer community
o 03/2003, A+ Certification, CompTIA, Anchorage, Alaska
o 05/2004, Network+ Certification, CompTIA, Grapevine, Texas
o 02/2007, eZ Publish Certified Developer, eZ Systems, Canada - eZ Publish Advanced Developer Certification (3.x)
o 04/2007, Two eZ Award nominations
o 12/2010, eZ Publish Certified Developer, eZ Systems, Texas - eZ Publish Advanced Developer Certification (4.4)

Technical Skills

Skills	Classification	Last Used	Years of Exp.
Apache	Expert	Currently used	17 years
BIND DNS	Expert	Currently used	17 years
BSD Unix	Extensive	Currently used	17 years
HTML	Expert	Currently used	23 years
Linux	Expert	Currently used	17 years
MariaDB	Expert	Currently used	9 years
MySQL	Expert	Currently used	17 years
PHP	Expert	Currently used	17 years
Oracle	Extensive	6 years ago	2 years
Sendmail / POP3	Extensive	Currently used	18 years
SQL	Extensive	Currently used	19 years
Perl / mod_perl	Extensive	Currently used	15 years

SCRUM	Extensive	Currently used	19 years
Agile	Extensive	Currently used	8 Years
Rest	Extensive	Currently used	3 Years
Soap	Expert	5 years ago	4 Years
CSS / LESS	Extensive	Currently used	19 years
CFML	Extensive	Currently used	2 Years
UML / ERD	Extensive	Currently used	16 Years
Bash / Shell	Extensive	Currently used	22 Years
XML	Extensive	Currently used	18 years
Jira	Extensive	Currently used	3 Years
Confluence	Extensive	Currently used	2 Years
HipChat	Extensive	1 years ago	2 Years
AWS/S3	Extensive	Currently used	3 Years
Jenkins	Extensive	Currently used	3 Years
CVS / SVN / GIT	Extensive	Currently used	18 Years
DHTML	Extensive	Currently used	9 Years
JavaScript	Extensive	Currently used	17 Years
jQuery	Extensive	Currently used	20 Years
Symfony (1-3)	Extensive	Currently used	5 Years
PC Support	Extensive	Currently used	20 Years
Networking	Extensive	Currently used	20 Years
Windows	Extensive	Currently used	23 Years
MacOS	Extensive	Currently used	25 Years
PL/S	Extensive	6 years ago	2 Years
CGI	Extensive	Currently used	8 Years