

# GRAHAM BROOKINS

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software engineer

Skilled software engineer with over 22 years experience using a variety of languages, analysis and technologies. Excellent communication, project, development, systems administration, team and customer skills.

## PROFESSIONAL EXPERIENCE

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**SOFTWARE ENGINEER @ [Brookins Consulting](#) (Consultant)** 02/2001 – Present in Seattle, WA

Open source object oriented CMS/CMF (eZ Platform / Symfony 2/3) application development and maintenance using PHP 7.1, GNU/Linux, MySQL, MariaDB, Apache, Nginx and Docker. Implementing the latest Responsive Design with HTML5, CSS3, Javascript and jQuery. Code: [GitHub.com/brookinsconsulting](https://github.com/brookinsconsulting)

- Contributing Open Source, GitHub, Bitbucket, Composer Developer
- Object Oriented Architecting, Design and Programming Across The Full Stack
- HTML5, CSS3, LESS, JavaScript, Ajax, jQuery Development
- Symfony 3, Doctrine ORM, Doctrine Migrations, TWIG, Bundle Development
- Unit Testing, Functional Testing, Behavioral Testing, Automated Code Standards Compliance Testing
- Experienced Git Developer leveraging Jira and Confluence
- Seasoned Agile / Scrum Developer for over 19 years
- Ruby and Python GitHub workflow automation using Rest APIs consumption and development
- Plone and Ruby on Rails Development for several projects (cms, wiki, etc)
- Regular use of Perl for shell scripting, advanced perl programs and one liners and perl cms development
- Extensive shell scripting in various languages
- Accomplishes work on multiple projects simultaneously
- Delivers best practices, quality assurance, web and code standards compliance

**SOFTWARE ENGINEER @ [Contextual Code](#) (Contractor)** 05/2013 – 01/2016 in Fort Worth, TX

Open source object oriented CMS/CMF (eZ Platform / Symfony 2/3) application development and maintenance using PHP5.3-5.4, GNU/Linux, MySQL, MariaDB, Apache, Mantis Issue Tracker and HipChat. Implementing the latest Responsive Design with HTML5, CSS3, Javascript and jQuery.

- Contributing Open Source, Git, GitHub, Bitbucket, Composer Developer
- Symfony 2-3, TWIG Template, TWIG Operator and Function, Bundle Development
- First Level Support for over 36 client projects
- Object Oriented Architecting, Design and Programming Across The Full Stack
- HTML5, CSS3, LESS, JavaScript, Ajax, jQuery Development
- Regular page layout design and implementation
- Created over 15 reliable and flexible reporting tools which integrated individually under one collective package
- Created feature rich command line, cronjob scripts and workflow tools for multiple use cases
- 3<sup>rd</sup> Party API Integration using many services across multiple client projects
- Accomplishes work on multiple projects simultaneously
- Repeatedly and promptly resolved issue tickets the first time with forward thinking
- Delivers best practices, quality assurance, web and code standards compliance

**SOFTWARE ENGINEER @ [Xpressdocs](#) (Contractor)** 09/2011 – 03/2012 in Fort Worth, TX

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.

- 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
- Architect and implement failure resistant REST based XML and JSON photo service APIs

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## software engineer

- Architect and implement feature rich bulk (zip file) content import and export systems
- Implemented PHPUnit Testing
- Implemented Doctrine ORM Migrations for all database modifications
- Repeatedly and promptly resolved issue tickets the first time with forward thinking
- Development of custom data import solutions
- MacOS and Linux development, testing and staging environments
- SVN for version control for all products

## SKILLS

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Languages: PHP7, PHP5, PHP4, HTML5, XHTML, DHTML, HTML(2-4), CSS(1-3), LESS, JavaScript, jQuery, JSON, SQL, TWIG, Smarty, UML/ERD, Shell Scripting, Bash, Perl, Ruby, Rails, Python, Batch, Sed, PL/SQL, CFML, YAML, INI, XML, RSS, ATOM, OPML, Standard / Video Sitemaps XML, Action Script, Java, C#, C, VBS, ASP, BASIC

Development Methodologies: Agile, Scrum, Pair, Adaptive, [Pragmatic Programmer](#)

Best Practices: Web Standards, Cross Browser Design, Ajax, ORM, OOP, OOD, UML, Distributed Version Control, PSR, PHPDoc, TDD, Unit Testing, Continuous Integration, SEO, QA, HMVC, MVC, Rest, Soap

Frameworks: eZ Platform, Symfony (1-3), eZ Publish (1-5), Zend Framework, Wordpress, Zeta Components, CodeIgniter, Joomla, Doctrine ORM, Propel ORM

Development: Emacs, Vim, phpStorm, Jenkins, AWS/S3, Composer, GIT, SVN, PHPUnit, Behat, Selenium, Mink, Jira, BitBucket, Confluence, HipChat, Source Tree, Slack

Server: Apache Web Server, Tomcat 7, Bind DNS Server, Microsoft IIS, GD, ImageMagic, BitTorrent, SSH, SCP, SFTP, sudo, sed, pine

Databases: MariaDB 10/5, MySQL 5/4, PostgreSQL, Oracle, SQLite, SQL Server, Access

Libraries: jQuery, jQuery UI, jQuery Mobile, Modernizr, MooTools, YUI(1-3), Bootstrap, Google Maps, Google Analytics

Browsers: Firefox, WebKit, Chrome, Safari, Opera, Internet Explorer

Design: Photoshop, Fireworks, Flash, Freehand, Illustrator, Gimp

OS: All versions and variations of Linux, Unix, MacOS and Windows, IOS, Android

## EDUCATION

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- 12/2010 - Certification: eZ Publish Certified Developer 4.4
- 06/2007 - Certification: Creating Certified Extensions for eZ Publish
- 02/2007 - Certification: eZ Publish Certified Developer 3.x
- 05/2004 - Certification: CompTIA Network+
- 03/2003 - Certification: CompTIA A+
- 03/2000 - Training: Thinking in Java, Hands-On 5 Day Course
- 05/1999 - University of Alaska, Received 4 Year Scholarship
- 05/1999 - Graduated, Save High School, Anchorage, Alaska

## SITES

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Portfolio: <http://grahambrookins.com>  
GitHub: <http://github.com/brookinsconsulting>  
GitLab: <http://gitlab.com/brookinsconsulting>  
Packagist: <http://bit.ly/2l23K6L>  
Projects: <http://bit.ly/2lwsRPQ>  
LinkedIn: <http://bit.ly/2kfGJ0n>

## REFERENCES

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DAVID BROADFOOT, COO @ CONTEXTUAL CODE

- <https://www.linkedin.com/in/davidbroadfoot/>

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MATT SWEETMAN, PROJECT MANAGER @ CTG

- <https://www.linkedin.com/in/matthewsweetman/>

DYLAN MCDIARMID, OWNER @ LITTLE LOOPS

- <https://www.linkedin.com/in/dylanmcdiarmid/>