

DAVID MOSELEY

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615 - 1707 W. 7th Ave., Vancouver BC
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<https://github.com/fatpixel/>

FULL-STACK SOFTWARE DEVELOPER

Accomplished and innovative software engineer, UI designer and information architect with skills and experience that span the internet technology spectrum. Driven by the pursuit of knowledge and a passion for results.

SKILLS

Methodologies	Agile (Scrum), Kanban, DDD, TDD, PWA
Languages	JavaScript, Typescript, PHP, Java, C#, ASP.NET, HTML5, CSS3, SQL, Python, Ruby, Crystal, Rust, Coffeescript
Frameworks	Angular 4/5, Angular.js (v1.2.x-1.6.x), RxJS (Observables), React, Redux, Node.js, jQuery, Vue.js, Zurb Foundation, Bootstrap, npm, Webpack, Grunt, Babel, yarn, JSHint, ESLint, Mocha, Sass, Express, Lodash, Markdown, Ember, rvm, Rails, Sitecore, Laravel, Symfony, Wordpress, Codelgniter
Database	MySQL, SQL Server, GraphQL, PostgreSQL, Doctrine 2, MongoDB, Redis, SQLite
API	AJAX, REST, CQRS, HATEOAS, SOAP, JSONP, OWASP, Github, Slack, Discord
Workflow	git, svn, JIRA, Trello, HipChat, Slack, Moqups, Docker, Vagrant, Puppet, AWS, RHEL (CentOS)

PROFESSIONAL EXPERIENCE

Marine Learning Systems, Inc.

Professional Services Developer :: 2017 - Present

- Responsible for creating and maintaining custom, standards-compliant, progressive web applications for client use.
- Successfully upgraded a client's existing, mission-critical web application from Angular.js 1.2 to Angular 5 by following established best-practices and progressive web application methodologies.
- Prepared specification, testing, and user experience documents and supported client adoption as completed features were deployed to production.
- Helped modernize development team evolution strategy and best practices such as pair-programming, test-driven development (Mocha) and repeatable builds (npm, Webpack, git, etc.).
- Improved client relationships and project predictability through documentation, project roles, risk assessment, use cases, transparent business-aligned development efforts, and time-bound SOW/CR delivery.

Technology Summary

C#, ASP.Net MVC, WebApi, Castle Windsor, RxJS, Angular.js, Angular 5, Razor, Less, Grunt, Lodash, Webpack, Bootstrap 3 & 4, Preprocessors (SASS, Stylus, uglify.js, require.js), Confluence, Gitlab, JIRA

MediaValet, Inc.

Frontend Developer :: 2015 - 2017

- Frontend developer for cloud-based (Microsoft Azure) digital asset management (DAM) system (<http://www.mediavalet.com/>).
- Responsible for architecting and programming standards-compliant web applications for consumer and client use.
- Implemented a modern, responsive mobile gallery using SASS, HTML5, CSS3, and AngularJS that is backed by Microsoft's Azure (.NET) cloud platform.
- Creating and validating integration solutions and ensuring the timely release of the solutions as an enterprise level software packages.
- Other responsibilities include API design, Open Source strategy, documentation and process automation / workflow tooling.

Technology Summary

Azure, NodeJs, WebApi, ASP.NET MVC, SignalR, Express, Angular.js, Jade, Less, Grunt, Lodash, Webpack, Foundation 5, Preprocessors (SASS, Stylus, uglify.js, require.js), Jenkins, JIRA

Aequilibrium Software, Inc.

Senior Developer :: 2014 - 2015

- Consultant for multiple clients including: BuildDirect (www.builddirect.com), Monexa (www.monexa.com), University of Alberta (www.ualberta.ca), and Imprint Plus (www.imprintplus.com).
- Created a number of Visualforce components that integrate various clients' backend CRM / ERP systems.

Technology Summary

HTML, CSS, MySQL, SQL Server, ASP.NET, WPF, Rails, MVC, MVVM, Sitecore CMS, Amazon EC2, Silverlight, Salesforce, Laravel 4 (PHP), XAML, REST, git, Vagrant, Puppet, Foundation 5, SASS, Grunt, Bower, Knockout, Jenkins, JIRA, Redis

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Blitzoo Interactive

Data Analytics Contractor :: 2014 (3-month contract)

- Re-engineered several proprietary data-intelligence tools into an analytics dashboard application.
- Modernized an internally-maintained customer relationship management tool

Technology Summary

HTML, CSS, JS, ASP.NET, WPF, Prism, MVVM, REST, git, XAML, Vagrant, Puppet, Knockout, Foundation 5, SASS, Grunt, Bower, JIRA, Redis

Sycle.net

Software Engineer :: 2010 - 2012; Senior Software Engineer :: 2012 - 2014

- Key contributor of enterprise-application architecture, system design and feature integration for projects deemed critical to the company's success.
- Lead developer for multiple business-critical projects including modernizing of a number of legacy invoicing and sales tax system to support VAT and line-item accounting reports.
- Introduced SDLC controls to reinforce compliance with NHS ISB and HIPAA standards for security, data integrity, and patient privacy.
- Designed and implemented "Sycle Patient Financing", an integrated software product that generates a significant amount of recurring, monthly income. <https://web.sycle.net/products/patient-financing/>
- Worked with stakeholders to streamline business processes and improve quality of all facets of the application, ensuring alignment with broader architectural and business initiatives..

Technology Summary

PHP 5, CSS, HTML5, MySQL, XML/XSL, Javascript, JSON, REST, git, Vagrant, Puppet, AJAX, Laravel, Doctrine, MVC, Foundation 5, Preprocessors (SASS, Stylus, uglify.js, require.js), Jenkins, JIRA

lululemon athletica

Web Developer (Contract) :: 2010 (3-month contract)

- Assisted with the direction of 3rd-party partnership eCommerce development
- Responsible for performing all UI development (HTML5, CSS) and ongoing maintenance for the www site.
- Designed and implemented a comprehensive "performance overhaul" which targeted both code and business processes, successfully resulting in site-wide performance gains of 60 – 80%.
- Designed and developed a series of custom Wordpress plugins for online community marketing.
- Established coding standards and guidelines.

Technology Summary

PHP 5, MySQL, XML/XSL, Javascript (jQuery), Wordpress, AJAX, CSS, PHPUnit

Trader Corporation

Software Consultant :: 2009 (6-month contract)

- Development for the "Dealer Smart Solutions" product using .NET Framework (ASP.NET, SQL Server)
- Implemented, and maintained the user-interface tier (CSS/jQuery/AJAX) of the application.
- Used jQuery to quickly handle all required validation rules. Performed User-Acceptance testing and aggregated results.
- Implemented SOAP gateways to integrate third party Web Services into the application.

Technology Summary

ASP.NET/C# 3.5, WCF Web Services (REST), SQL Server 2008, Javascript (jQuery), AJAX, CSS, XML/XSL

Dreambank Online Gifting Community

Senior Developer :: 2008 – 2009

- Took over the senior developer position and senior DBA position for all development (LAMP , MySQL 5, PHP 5) projects using the CodeIgniter (MVC) application framework.
- Implemented, and maintained the e-commerce engine, payment gateway (interfacing with both iPay and Paypal), social networking features and database tier for the application.
- Planned, implemented, and maintained the user-interface tier (CSS/jQuery/AJAX) of the application.
- Performed User-Acceptance testing, result aggregation and implementation.

Technology Summary

PHP 5, MySQL 5, CodeIgniter, Javascript (jQuery), CSS, Web Services, XML/XSL, Apache, PHPUnit

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FCV Technologies

Senior Web Developer :: 2007 – 2008

- Developed using CodeIgniter and Drupal.
- Planned, implemented, and maintained business logic, database and user-interface tiers within contributed projects.
- Created a "continuous integration" build system (using PHPUnit and CruiseControl).
- Established coding and documentation standards. Trained development team on process changes.
- Worked closely with clients to help develop the look-and-feel and UI for their applications. Performed User-Acceptance testing and result aggregation.

Technology Summary

PHP 5, MySQL 5, Code Igniter/CakePHP, Javascript (jQuery), CSS, Web Services, XML/XSL, PHPUnit

Electronic Arts (Canada), Inc.

Software Engineer II :: 2005 – 2006

- Responsible for designing and developing EA's proprietary business analysis application, "FUSION: CATALYST". Dashboard-style interface allowed management to monitor and track a project through the full development lifecycle.
- Reverse-engineered TechExcel's DEVTRACK bug-tracking and reporting system to allow for real-time regressional analysis and project status reports.
- Developed using the .NET Framework (ASP.NET v2.0, C#, SQL Server 2005).
- Introduced 'cutting-edge' web 2.0 technologies (AJAX, JavaScript (Prototype), DHTML) providing updates to the user interface in real-time.
- Meticulously adhered to EA's rigorous software coding and testing standards.
- Created and maintained 'Wiki' support and documentation server for FUSION: CATALYST.

Technology Summary

ASP.NET, C#, SQL Server, Web Services, Javascript (Prototype), AJAX, CSS, XML/XSL

Darkmatter Communications, Inc.

Technical Lead :: 2002 – 2005

- Designed, developed and maintained an e-commerce marketing / sales / CRM server platform using ASP.NET 2.0 (C#), SQL Server, and XML/XSLT.
- Designed, developed and maintained a lightweight application delivery system using PHP and XML that allowed for web-farm level deployment while providing a secure, central point for transaction processing and data persistence.
- Demonstrated that, under simulated load, the platform was able to provide real-time processing for over 200 concurrent transactions before response degradation.

Technology Summary

PHP, Linux, ASP.NET, C#, SQL Server, XML/XSLT, Web Services, Javascript, CSS

eMedia-IT Solutions, Inc.

Senior Web Developer :: 2000 - 2002

- Assisted with the development of "BioBASE", a CMS solution for the emerging biotech industry using Java (J2EE).
- Worked closely with representatives from Health Canada and the FDA to ensure compliance with 21CFR part 11.
- Designed and developed a lightweight shell extension for Windows to provide seamless interoperability with the web application.
- Implemented and maintained the application runtime and business-logic tier of the application.

Technology Summary

Java (J2EE), Digital Signatures using PKI, WebDAV, COM, MFC/C++, XML/XSLT, Apache (Tomcat)

Earthramp Communications Inc.

Technical Lead :: 1998 - 2000

- Designed and developed a web-based proxy application that anonymized a user's web-surfing activities.
- Designed, developed and maintained web-based financial/investment applications and tools.
- Designed, developed and maintained a light-weight datafeed interface system for parsing, storing, and delivering real-time stock market data from the major North American exchanges.

Technology Summary

Java, ASP, Cold Fusion, SQL Server, C++

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FORMAL EDUCATION AND CERTIFICATIONS

University of British Columbia
BSc Computer Science 1997 - 2000

MSCD (.Net 2.0)
Zend Certified PHP Developer
SCD Level 2: Sitecore Certified Level 2 Developer

REFERENCES

Available Upon Request