

James Lippitt

Summary

Experienced PHP and JavaScript developer with excellent knowledge of object-oriented programming, MVC frameworks/architecture and web services. Strong familiarity with Agile processes and test-driven development. I also have a keen interest in technologies outside of web development and have taught myself many languages and frameworks in my own time.

Skills

- PHP 5.5, Zend Framework, Doctrine 2, PHPUnit/Mockery, Behat/Mink
- JavaScript, AngularJS, Backbone.js, jQuery, Node.js/Express, Jasmine
- HTML 5, CSS, Sass, Stylus
- MySQL/MariaDB, Elasticsearch, Solr, Memcache
- git, svn, Perforce
- TDD, BDD, Agile, Scrum, REST, SOA
- Various other languages and frameworks

Professional Experience

Senior PHP Developer, TagMan Limited (Jun 2013-Mar 2014)

Responsible for developing, maintaining and optimising control panel application using Zend Framework, Doctrine 2, Pimple, MySQL (MariaDB) and Elasticsearch. Developed new features for TagMan client-side JavaScript library and build system written in Node.js. Involved in additional front-end work UX work for control panel, utilising AngularJS and previously Backbone.js.

Agile team using iterative, sprint-based release cycles, gitflow and test-driven development.

PHP 5.5 (Zend Framework 1.12, Doctrine 2, Pimple, PHPUnit/Mockery, Behat/Mink), MySQL/MariaDB, JavaScript (AngularJS, Backbone.js, Node.js, Jasmine), Elasticsearch, Memcache, git

Lead PHP Developer, Bauer Media Group (Oct 2011-May 2013)

Development lead on high profile projects for large, multi-national publishing group. Primarily working on new, service-oriented system, using JSON-based APIs to provide reusable components that could be used across many different Bauer websites. Oversaw successful launch over 30 local radio sites on this system, plus a partial migration of a classified ads site and development of a new magazine website, launched shortly after I left.

Back-end development using Zend Framework and Doctrine 2; front-end using Backbone.js. Agile, Scrum-based team utilising gitflow and continuous integration.

PHP 5.3 (Zend Framework 1.11, Doctrine 2, Twig, PHPUnit), MySQL, JavaScript (jQuery, Backbone.js), Apache Solr, Gearman, Memcache, git

IT Projects Developer, Camberley Auto Factors Ltd (Feb 2009-Oct 2011)

Spearheaded migration of company intranet from legacy system (PHP 4) to custom MVC framework. Numerous projects undertaken to develop new major features, including ability to generate highly customisable sales and stock reports on the fly, a customer warranty tracking system, and integration with the Google single sign-on (SSO) system.

PHP 5.3, MySQL, JavaScript (jQuery), Memcache, git

Software Engineer, Fidessa Group PLC (Sep 2006-Nov 2008)

Part of back-end development team for real-time stock trading system. Technologies used were typically proprietary, including relational database and an inter-process messaging system. Software primary written in C++ with use of Tcl for scripting.

C++, Tcl, Perforce, various internal technologies

Education

BSc Computer Science (First Class Honours), University of Sussex (Oct 2003-Jun 2006)

Encompassing both theoretical aspects of computer science as well as practical programming experience with Java and Haskell.

+ 4 A Levels (including Maths & Further Maths) and 11 GCSEs

Other

I have a github account, located at <https://github.com/jlippitt>, and a BitBucket account at <https://bitbucket.org/jlippitt>. These contain various small projects, built with a variety of languages and technologies that have taken my interest over the years, in various states of completion. Among them are an emulator for the original black and white Game Boy, written in C, which is fully functional except for sound; a tiny JavaScript 'Entity Component System' game engine; and experiments with Go and the Qt application framework for C++.