

AKIN WILLIAMS

FULL STACK DEVELOPER

SKILLS

Front-end Scripting

HTML5, JS, CSS, SCSS

Front-end Development

Spring, Jersey, Node.js,
Angular, React Native

Back-end Development

PHP, C++, Java, Python, Obj-C

Methodologies

Object Oriented Programming
Unit Testing
MVC Patterns
APIs (REST, SOAP)

TECHNOLOGY

Platforms:

Windows IIS 7
Linux (Centos, Ubuntu)

Databases:

MySQL, Postgres, MongoDB

DevOps:

GitLab, Jenkins, SonarQube

SCM / Automation Tools:

Docker, Git, Maven, Vagrant

EDUCATION

JOHNS HOPKINS UNIVERSITY

M.S. \ 2020 - 2025
Computer Science

JOHNS HOPKINS UNIVERSITY

Bachelor of Arts \ 1993 – 1999
Classics, Pre-Med

ZEND CERTIFIED ENGINEER

PHP 5.5 \ Oct., 2014

Link: <http://goo.gl/2rPYxv>

WORK EXPERIENCE

ESTATESALES.ORG // April 2017 – Present

Sr. Full Stack Developer (Full time)

Part of a small team of 4 developers, including the founder, supporting an estate sales / auction ecommerce solution. Responsibilities included IOS / Android app development using React Native, front & back end LAMP based development & support of a custom PHP framework with Memcache, AdoDb and Apache Solr extensions.

Key Achievements:

- Built a bulk data import tool in PHP/JS for auctioneers.
- Development of a mobile app in React Native & Swift.
- Design & coding of a Restful mobile API in PHP.

Technologies Used:

Stack: Linux Debian 3.16 (AWS), Apache 2.4,

MySQL 5.6 (AdoDb), PHP 5/7

Front-end: Smarty, SASS, Foundation, AngularJS, jQuery, React

Back-end: Apache Solr, Memcached

Workflow & Testing: Mercurial (Git), PHPUnit

Project Website: <https://estatesales.org>

Project GitHub Link : (Private)

WORK EXPERIENCE

MOSAIC LEARNING // Nov. 2016 – Feb. 2017

Sr. Full Stack Developer (Contract)

Worked with a team of developers performing front / back end coding, unit testing, and bug fixing for the release of a new version of a membership and enrollment administration portal based on the *Laravel* PHP framework. The portal is used by the *National Electrical Contractors Association (NECA)* Learning Center to train and certify electrical apprentices and journeymen.

Key Achievements:

- Followed *Agile Development Methodology* consisting of daily *scrum* updates and monthly sprints.
- Maintained a development environment in *Vagrant* with *Docker* provider using *JIRA* for issue tracking, *Mercurial* for source control, and *Bit Bucket* for repository storage.
- Developed advanced course search functionality in *Laravel* using *ajax* and *knockout.js* to populate results.

Technologies Used:

Stack: Centos 7, Apache 2.x, MySQL 5.5.x, PHP 5.6.x

Front-end: HTML5, CSS3, Bootstrap 3, Knockout.JS, jQuery

Back-end: *Laravel* Framework v. 5.1

Workflow & Testing: *Vagrant*, *Docker*, *Mercurial*, *Grunt*, *Bower*, *PHPUnit*

Project Website: <https://goo.gl/7A6afq>

LOCAL MARKETING, INC. // July 2016 – November 2016

Manager, Infrastructure & Development (Contract)

Responsibilities included full stack development, project management & infrastructure support.

Key Achievements:

- Managed a remote team of developers on projects involving *Android*, *IOS* & *Web* development.
- Developed an inventory management API for car dealership e-commerce websites.
- Supported *Linux* servers (*LEMP* stack) used for professional hosting and corporate infrastructure.

Technologies Used:

Stack: *Ubuntu*, *Nginx*, *PHP 5.5.9*, *MySQL 5.5*, *Objective C*

Front-end: *HTML5*, *CSS3*, *LESS*, *Sass*, *JavaScript (native)*, *Bootstrap 3*, *jQuery*

Frameworks: *Zend Framework 2*, *Node.js*

Workflow & Testing: *XCode 7*, *Git*, *Grunt*, *Bower*, *PHPUnit*

Project GitHub Link (Private): <https://goo.gl/3D283L>

GLOBAL PERSONALS // Dec. 2015 – April 2016

Full Stack Developer (Contract)

Hired as part of a team of developers responsible for enhancements and maintenance of a high traffic ecommerce dating website based on a legacy PHP codebase. Individual responsibilities included implementing new features in the administrative section of the site and troubleshooting and fixing bugs on the main site.

Key Achievements:

- Reworked parts of a legacy PHP 5.3 procedural codebase into object-oriented structure.
- Developed, unit tested and deployed new admin tool to search and edit user accounts.
- Researched and fixed logical errors in Memcache layer of application.

Technologies Used:

Stack: Centos 6.5, Apache 2.2, PHP 5.3.3, MySQL 5.5

Front-end: HTML5, CSS3, LESS, Sass, JavaScript (native), Bootstrap 3, jQuery, Marionette.JS, Backbone.JS

Frameworks: PHP (Native)

Back-end: Memcached

Workflow & Testing: Git, Grunt, PHPUnit

TARGET MEDIA PARTNERS // June 2015 – Dec 2015

Lead Developer (Contract)

Contracted to build a lead management application that allowed the client to capture, analyze and forward employment applications from different landing pages to 3rd party API endpoints and emails.

Key Achievements:

- Authored, implemented & deployed a lead management tool based on the client's business requirements.
- Built (S)CRUD based admin application in Zend Framework that consumed several 3rd party API engines.
- Optimized application performance by implementing a caching layer above the ORM using Redis.
- Integrated natural language search platform, Elasticsearch, with the application's ORM engine, allowing wildcard, keyword based and geospatial searches across an unstructured dataset, and import / export capability for csv files.
- Developed logic to allow client to merge, rename and sort data fields from the application GUI.
- Developed underlying event system that generates an activity history for all actions taken on lead data.

Technologies Used:

Stack: Centos 7, Apache 2.4, MySQL 5.6.x, PHP 5.6.x

Front-end: HTML5, CSS3, JavaScript (native), Bootstrap 3, jQuery

Frameworks: Zend Framework 2, Doctrine 2

Back-end: Elasticsearch 2.1, Redis

Project GitHub Link: <https://goo.gl/Cj3W40>

NETWORK COMMUNICATIONS // Mar. 2015 – June 2015

Full Stack Developer (Contract)

Re-engaged by former employer to provide technical support for legacy products and build a WordPress theme framework for a blog network.

Key Achievements:

- Built a WordPress theme framework with five initial child themes to be used by over 1000 real estate clients. Framework features included multi-device responsive design, fully customizable color scheme, font, logo and layouts, and integration with the agency CRM platform.

Technologies Used:

Stack: Centos 6.5, Apache 2.2, PHP 5.4.x, MySQL 5.5

Front-end: HTML5, CSS3, LESS, JavaScript (native), Bootstrap 3, jQuery

Frameworks: WordPress

Project Case Study: <http://goo.gl/QFvjGJ>

Project GitHub Link: <https://goo.gl/iINLMG>

NETWORK COMMUNICATIONS // October, 2010 – February, 2015

Web Developer (Full time)

Recruited as a web developer for a content marketing start-up. Initial tasks included design and development of WordPress themes and plugins that were used to market small business clients.

Later responsibilities included full stack development of web applications including a lead management dashboard, API connecting WordPress with Sugar CRM and a custom Piwik Analytics installation.

Key Achievements:

- Performed turnkey design & development services, including: graphic design, front-end and back-end development for WordPress blogs.
- Designed and developed a proprietary lead management dashboard featuring marketing services such as reputation management, content curatorship and web analytics for small to medium size businesses.

Technologies Used:

Stack: Centos 6.5, Apache 2.2, PHP 5.4.x, MySQL 5.5

Front-end: HTML5, CSS3, LESS, JavaScript (native), Bootstrap 3, jQuery

Frameworks: WordPress, CakePHP, Slim Framework, Sugar CRM, Piwik Analytics

WHITE SUNRISE, LLC // June, 2010 – Sept., 2010

Front-end Developer (Contract)

Hired as part of a small team of developers building websites on different platforms including CodeIgniter & Magento.

Key Achievements:

- Designed & developed an e-commerce Magento site, including inventory update / tracking functionality.

Technologies Used:

Stack: Centos 6.5, Apache 2.2, PHP 5.3.x, MySQL 5.x

Front-end: HTML5, CSS3, JavaScript (native), Bootstrap 3, jQuery

Frameworks: WordPress, Magento, CodeIgniter

SAPIENT, INC. // Sept., 2009 – Oct., 2009

Front-end Developer (Contract)

Contracted to build a proof of concept for a proposed field data-entry application for an insurance company.

Key Achievements:

- Developed a data-entry interface that used JavaScript and Local Storage to simulate client-server form submissions in a local environment.

Technologies Used:

Front-end: HTML5, CSS3, JavaScript (native), jQuery