Zak Olroyd
Lead Developer
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Skill set at a glance

Programming Languages: PHP, Mysql, Laravel, Javascript, CSS3, HTML5, Vue, Drupal, React

Other Technologies: Linux, Git, Redis, MVC, SaaS, Rest API's, Soap

Linux: 14+ years experience in Linux. Experience in ec2 along with azure managing servers. Apache, mysql, php. Experience securing and locking down the server against attacks.

PHP: 14+ years experience in PHP using mvc and object oriented programming. Extensive knowledge in API and Rest technologies.
Frameworks:

> **Laravel**: Over 4 years experience in Laravel. Experience using eloquent, passport, Illuminate, etc.
> **Yii:** Over 4 years experience in Yii.
> **CodeIgniter:** 1 year experience in CodeIgniter.
> **Drupal:** 1 year experience in Drupal.

Mysql: 14+ years experience in Mysql. Experience with creating new schema, queries, normalization, optimization, and DB management.
Javascript: 10+ years experience in javascript using various libraries and frameworks.

> **Frameworks:**
> **React:** 1 year experience in React Created an application from scratch for pet insurance website.
> **Jquery:** 6+ years Experience creating dynamic websites using Jquery. Experience using ajax to dynamically pull website data and dynamically update the page to prevent refreshes and create content rich websites and reports.
> **Vue:** 4+ years using vue to create dynamic front end pages.

Html: 10+ years using html to create webpages.
Libraries:

> **Bootstrap:** 4+ years using bootstrap to layout and create webpages**.**

Css: 10+ years using css to create webpages

AWS: 6+ years working with AWS using ecs, rdb, s3, route 53. Experience using the api to dynamically add and update ssl certificates so they don't have to be manually managed. Experience with optimization and money saving techniques. When I first started at a company I cut their spending from $15,000 monthly to $5,000 with the same performance.

Azure: 2 years azure experience.

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Other technologies:

Jenkins: Used for deployments and builds.

Docker: Used for local programming environments and builds.

Webstorm/PHPStorm: My main go to IDE's

Postman: Used for testing API's and authorization

Filezilla: Simple ftp program.

Putty/MobaXterm: SSH program for server management. I prefer MobaXterm as it's more advanced and better at connecting to multiple servers.

Summary:

I have 14 years experience in programming for business needs, and am fluent or versed in LAMP (linux apache mysql php), javascript (along with jquery and modern day frameworks such as react), html5/css3, bootstrap along with others. I have experience with mvc frameworks including laravel and yii. I have some experience in both .net and java. AWS Hosted websites using EC2 and RDS along with S3 and awsbackup, also used Route 53 VPC to create secure websites with auto renewing ssl.

Former Experience:

Senior Web Developer Valley Metro RPTA (August 2022 – January 2023)

Technologies: PHP, Mysql, Laravel, Javascript, LAMP, Redis, CSS3, HTML5, Vue, Drupal

- Contract role in which I was asked to get their new website that had been mostly developed to a launch state, while still maintaining the old one.

- Small team with an aggressive timeline and mostly outsourced programmers.

Senior Web Developer Gearfire (December 2021 – August 2022)

Technologies: PHP, Mysql, Laravel, Javascript, LAMP, Redis, CSS3, HTML5, Vue

- Gearfire asked me to come back in order to train an outsourced team. I Rejoined the company for a period of time.

- Maintained the legacy website. They had moved to a 2.0 platform that was having a lot of issues so the majority of their business was still done on the older site I had worked on.

- Brought outsourced team up to speed with training and guidance.

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Senior Developer at MBAInsurance (March 2020 – May 2021)

Technologies: REACT, PHP, Laravel, CSS3, HTML5, Javascript, Mysql, Azure, Jenkins, Jira, Github, Redhat

- Senior developer of 4 developers 1 QA and a manager on the team.

- Working in the insurance market specializing in recreational vehicle insurance rentals, and pet insurance along with p2p insurance.

- Worked in react for about 6 months here.

Senior Developer at Fullbay (June 2019 – November 2019)

Technologies: PHP, Mysql, Bootstrap, Javascript, LAMP, Redis, CSS3, HTML5, AWS

- Senior developer on a 7 man team.

- Working on saas that focused on fleet maintenance shops.

- Working on a high volume site with a lot of database entries having to due with invoicing and other billing, along with time tracking, HR management, etc.

- AWS Hosted websites using EC2 and RDS along with S3 and awsbackup

Senior Developer at Gearfire (July 2017 – June 2019)

Technologies: PHP, Mysql, Laravel, Javascript, LAMP, Redis, CSS3, HTML5, Vue

- Lead developer of a 6-person team, including me and the director of technology

- Working on large scale ecommerce site to increase performance and correct outsourced development, also adding additional functionality and features.

- Working with centralized code base with well over 1000 websites being ran.

- High volume sites with millions in sales monthly.

Contracting (January – July 2017)

Technologies: PHP, Mysql, Javascript, LAMP, Redis, CSS3, HTML5, webservices, Wordpress

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- Worked on a large broadcast studios website.

- Worked on http://stressfreerecipes.com

- Currently contracting through contracting bids, and word of mouth.

Senior Developer at Blue Global Media (Feb 2011 – June 2016)
Director Of Technologies (June 2016 – January 2017)

Technologies: PHP, Mysql, Javascript, LAMP, Redis, CSS3, HTML5, webservices, Mobile development using Ionic and Apache Cordova, SMS, Notifications

- Front end validation of form data using javascript.

- Ajax for auto filling out parts of forms. (ie. State, city based off zipcode. Bank name and telephone based off of routing numbers.)

- Software development using PHP and leveraging technologies such as Yii (MVC based framework.) for large traffic sites (1 million+ visitors, 300k+ long form submissions, and millions of api calls per day.)

- Design and implementation of small and large-scale business solutions including posting system which allowed for quick integration of new products and buyers that could be managed by business professionals. Admin and reporting system using Yii and jqgrid. Affiliate management software using Yii2 advanced install with frontend affiliate login, and backend administration.

- Implementation of maintainable code using proper design patterns and implementation. Including proper implementation of abstract classes, namespacing, anonymous functions, etc.

- Collaboration with offsite teams using git as a repository.

- Extensive training in conversions, with sites converting at 20-35% on average.

- Mobile platform development using Ionic which leverages Apache Cordova and Angular1.

- Experience with lead generation software.

- Large scale read/writes from mysql using master slave setup.

- AWS Hosted websites using EC2 and RDS along with S3 and awsbackup

- A/B testing of websites to optimize conversions.

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Programming consultant Robert Half (July 2010 – Feb 2011)

Technologies: PHP, Mysql, Jquery, Javascript, LAMP

- Create and implement code in PHP using the latest in object oriented design and implementation.

- Designed a system of posting and recording data while leveraging a 3rd party system that handled some mapping and posting.

- Store data in mysql database.

- Validation of post information using PHP.

Programmer at Aspen Systems (July 2007 – 2010)

Technologies: Exposure and experience in .net, c#, vb 6, data dynamics, mssql, vba

- Created and maintained dynamic reports using Active Reports 1.0 and 2.0

- Made modifications too many of the current reports per customer request, logical errors, or bugs.

- Communicated with QA staff, Customers and Support staff to quickly solve bugs and fix customer specifications.

- Implemented several new ways to efficiently run long reports with multiple SQL calls.

- Produced in depth documentation of Reports and how they are filled and run.

- Made modifications to several projects to fix bugs and problems in the database.

Former Owner www.gameslicer.com **(2008-2009)**

Technologies: PHP, Mysql, Jquery, Javascript, html, css, cpanel, plesk, LAMP

- Created the site as a way to learn and expand on my knowledge base.

- Dynamically added games, pictures, instructions, and descriptions using a PHP Script.

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- Designed layouts using PHP, HTML, and CSS.

- Maintained using CPanel, and later Plesk.

- Operated on a Cent OS Dedicated server running Plesk.

- Created multiple accounts using Plesk for me and co-owner of server.

References:

Abdu El-Shaaraway
Former president Blue Global Media
(480) 703-2816

Salvatore Aiello
One of the founding developers of STYR Labs
https://dested.com/
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