WALLACE C RICARDO

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Objective

Full-Stack Developer

Summary

Talented full-stack developer with 9 years of experience in building, testing, enhancing, optimizing and deploying high-traffic websites. Proactive, innovator, highly motivated and passionate for technology.

Key skills and competencies

- Expert in PHP programming language.
- Solid knowledge in NodeJs and Go (Golang)
- Basic knowledge in Haskell, Rust, Erlang, Ruby
- Excellent Docker knowledge
- Solid experience in MVC Frameworks, OOP, Object-Relational Mapping, Functional programming.
- Experience with ExpressJS, Gorilla toolkit, CakePHP, PhalconPHP. Good understanding of other frameworks like Code Igniter, Laravel, Synphony, Zend.
- Passionate about Unit testing, TDD, mocking objects, fixtures. Experience using PHP Unit, Simple test and GoConvey.
- Package management via NPM (NodeJS) and Composer (PHP).
- Solid knowledge in MySql and Redis. Good in MongoDb and RethinkDb.
- Distributed programming leveraging message/queue systems like RabbitMQ, Resque, Gearman and Beanstalk.
- Experience in designing and consuming REST api.
- Great javascript experience using ReactJS, Backbone, CanJs, WebWorkers, RequireJs, Ajax, JQuery.
- Data visualization using CubismJS and Kibana.
- Great knowledge of Design Patterns, Refactoring code, software optimization and caching mechanisms.
- Excellent SQL skills
- Great experience in Git
- Experience in Server Administration, LXC containers, Docker, AWS EC2, S3, CloudFront, RDS.
- Some experience in Continuous Integration with Jenkins.
- Some knowledge in Web Security.
- Expertise in E-mail marketing strategies and lead generation.
- Two years experience in internet accessibility.
- Experience with Nginx and Apache.
- Knowledge of template engines: Smarty, Handlebars and EJS.
- TCP Sockets, Unix Domain Sockets, ZeroMQ, RabbitMQ, Distributed Applications, Multi-threaded applications.
- Confortable to work with Mac OS and Linux
- Editor of choice Vim with a lot of plugins.

EMPLOYMENT OVERVIEW

Senior Full-Stack Engineer – Kreate Technology   January 2013- Present
- Changed the architecture of the application to work on a distributed environment.
- Managed the company's infrastructure on AWS
- Implemented AWS S3 to store all user uploaded content and serve this content via AWS Cloud Front.
- Improved user experience with a new dashboard system using PhalconPHP, BackboneJs and Redis.

- Reduced page load time in 60% utilizing Redis as cache and background jobs to update data stored in the cache.
- Developed a system using Golang, Logstash and Elastic Search to collect data. This allowed us to have live updating dashboards with critical information of everything that is happening on the application.
- Designed and implemented a system in NodeJS to manage the workflow of files being stored on a shared mount.
- Developed a PHP REST service to create thumbnails leveraging Image Magick, Resque.
- Designed and implemented a NodeJS system that provides live update data on the front-end via websocket. This greatly improved the user experience.
- Developed micro-services in Golang and RabbitMQ to be utilized as base platform for other applications.
- Automated build, testing and deployment of the application using chef and custom soluctions.
- Deployed several applications using docker. Launched and used private self-hosted registry.

PHP Developer – Alpha Sun and Sport   **October 2012- January 2013**
- Responsible for developing new features for the web site as well as optimizing the current functionalities using PHP 5, CakePHP 2.3, MySql 5.5, JQuery, javascript, Html, Css and Twitter Bootstrap.
- Improved the performance of the application through front-end analysis and optimization.
- Implemented Amazon S3 and Amazon CloudFront for static content, reducing server load, improving page load speed.
- Implemented application monitoring features, reducing bugs and improving the customer's satisfaction.
- Implementing Amazon S2 and Amazon RDS for some services.

PHP Developer – SeaDream Yatch Club   Contract from December 2012 – February 2013
- Developing from scratch one part of the web site using PHP 5 object oriented, Laravel Framework, MySql, Javascript and JQuery.
- Developing the online booking system using Amex and ClearPark as the payment gateway. This involves Webservices Soap AWSL and Rest.

Freelancer   **December 2010- September 2012**
- Developed freelance projects for some clients using PHP 5 object oriented, JQuery, MySql, Html 4 and 5, CSS.
- Developed a system for the director of a company in which he can manage the information of his company in Latin America. Responsible for the user interface as well as the back-end of the system. The main objective of the system is to present information and charts for sales follow-up. The charts were developed using a Javascript Framework for charts called HighCharts.
- Responsible for the developed of a website that is commercialized as Software as a Service(SAAS) from the ground up using PHP 5, MySql and latest UI technologies focusing on the usability of the interface.
- Developed a project in which any person can create their website in a few minutes without technical knowledge. Developed an easy to use Content Management System(CMS) making it easy for the customer personalize the content of his website.

Internet Strategy Coordinator - Company: Catho Online - Brazil   **November 2009- November 2010**
- Developed and implemented internet strategies in order to increase sales.
- Improved the SEO (Search Engine Optimization) of company's corporate products.
- Participated in definitions of new projects as well as improvements of current company's online products;
- Played a key role in guiding the company's marketing strategy and overall direction, which lead to its significant market share and successful buyout.
- Coordinated and supervised twenty professional and support staff.
- Assisted Departmental Director with long and short-term planning, goals and process implementation.

Senior PHP programmer - Company: Catho Online - Brazil   **January 2007- November 2009**
- Designed and programed company's online products using PHP 4, PHP 5, MySQL, HTML, CSS and JQuery. Used OOP and structural programming.
- Developed and maintained the company's telemarketing tool for about 300 heavy-users.
- Implanted test cases to minimize bugs and consistency problems.

- Normalized database tables and performed extensive query optimization.
- Executed migration of critical systems with minimal reengineering and downtime.
- Improved the search of 2 products using Solr search engine.
- Designed and implemented a PHP programming framework for the company's needs.
- Designed and developed MySQL database.
- Implementation of SEO projects.
- Worked with company's CRM system as well as Content Management System.
- Developed diagrams using UML.

PHP Programmer – Company: Praxys Produtora Web   **July 2006 - December 2006**
- Dynamic web site design and programming using PHP, MySQL, HTML, CSS and JavaScript.
- Maintenance and improvement of their content management system.

EDUCATION BACKGROUND

- **Advanced General English and Cambridge FCE Exam Preparation**
  ELC - English Language School - Sydney - Australia
  February 2011 – September 2011

- **Bachelor in Information Systems**
  FIAP - Faculdade de Informática e Administração – São Paulo - Brazil
  2006 – 2009

LANGUAGES

- Portuguese – First language
- English - Fluent
- Spanish - Basic