**George Lugo**

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**Objectives**

* Self-directed and motivated Software Engineer experienced working effectively in dynamic environments.
* Fluent expertise in Ruby, PHP, Python, Solidity, and JavaScript programming languages. Practical and hands-on manager adept at successfully and effectively interacting with multiple developers that are remote, onsite, and offshore remote.
* Excellent project management abilities demonstrated by career history of on-schedule and on-budget completed projects.
* Experience in Business Management, HIPAA and ecommerce projects.
* Links (<https://www.GitHub.com/lggg123>) (lggg123.GitHub.io) (https://www.linkedin.com/in/machinelearner2334)

**PROFESSIONAL SUMMARY**

* Extensive experience in Ruby on Rails technolog,, Puma, erb, ruby gems, Shopify, Capybara.
* Management System, LAMP technology, WAMP,XAMPP, MAMP technology and MVC Framework.
* Experience with database SQL development and excellent knowledge working with relational database systems such as MySQL, Oracle, NoSQL, PostgreSQL.
* Well diverse with MVC frameworks and design pattern architecture
* Working experience with setup &use of version control systems like SVN, GIT, CVS.
* Working knowledge and experience with AWS, Kubernetes, and Docker for Devops.
* Experience using CI/CD tools to manage deployment and app development.
* Experience debugging and refactoring old code, as well as implementing new design patterns.
* Knowledge of Ruby on Rails and used it for Shopify development as well as other projects needed. Can write and build many apps from scratch with Ruby on Rails.
* Implemented and created a complete app from scratch using Ruby on Rails, GraphQL, React, HTML, CSS, and Bootstrap for a modern color customization system similar to the Shopify project I did for **vivolife.com**
* Experience in using various tools and IDEs for development and design like Visual Studio.
* Excellent experience developing responsive sites with HTML5 and CSS3.
* Experience on code responsive designs using HTML5, CSS3, JQuery and similar frameworks.
* Experience in developing UI applications using HTML, HTML5, JQuery, AJAX, ReactJS, and VueJS.
* Fluent in UX Design using Sketch, Adobe XD, Figma, Invision, and Zeplin.
* I am great and experienced in designing lo-fi wireframes, hi-fi mockups, and prototypes
* Can also design logo mock-up and brand in Adobe Illustrator
* Photo and video editor with experience using Adobe Photoshop, Final Cut Pro, and Adobe After Effects
* MERN stack development using Node.JS and ExpressJS for backend implementing Apache Cordova on the terminal or command line dependent on system. As well as AWS implementation for a serverless website.
* Built various programs using Wordpress Plugins
* Expertise in deploying applications using Apache HTTP server, Tomcat server and J boss server.
* architected and developed RESTful APIs using Laravel framework
* Having good experience in MERN Stack (Mongo DB , Express.js, React.js, Node.js) applications
* Fixing and implementing SQL queries along with SQL injection prevention methods.
* Project Planning arrange of the customer project management tool, with times, deadlines and effort that would be required for each iteration, running on agile methodologies.
* Working in the Agile/Scrum development environment with frequently changing requirements and actively participated in scrum meetings and reviews.
* Report Generation, Unit testing using PHP Unit, System, Integration and Performance testing of the application and its components.

**Education**

*Pennsylvania State University (2015) - General Science/ Economics*

*Worked on freelance PHP projects in college and built many prototype apps.*

**TECHNICAL SKILLS**

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| *Programming Scripting Languages* | *Ruby, PHP5,7, Shell Script, Perl, PL/SQL, Python, .NET, Drupal 8, Magento, Swift, HTML/HTML5, JavaScript, CSS.* |
| *CMS Tools* | *Shopify, Wordpress* |
| *Framework and Tools* | *Ruby on Rails, Laravel, Codeigniter, Zend, Symfony, ASP.NET, jQuery, Vuejs, React, js Bootstrap, Blueprint, React Native, Node.js., Zend, MS Office, Laravel, EXT.js* |
| *Web Technologies* | *JavaScript, CSS, AJAX, HTML, DHTML, XML, JSON, JQuery, DOM, Markdown, XHTML, XSLT, CGI, JSP, XHR, Servlets, JDBC, Hibernate Cloud Service, CMS, goDaddy, Bluehost, AWS, Azure, Google Cloud, Firebase, Big Commerce, Pretashop, Shopify, Git, Jira, Docker, unit-system testing, digital ocean, Kubernetes, Selenium, Apache, XAMPP, Jenkins.* |
| *Databases* | *MySQL4/5[PHPMYADMIN], MS Access, Oracle, PostgreSQL, SQLite, MariaDB, MongoDB* |
| *Application/Web Servers* | *Apache Web Server, IBM WebSphere, ZEND server* |
| *Operating Systems* | *Linux [Red Hat, Ubuntu, Unix, Windows]* |
| *IDE Tools* | *Visual Studio Code* |
| *Modelling Tools* | *Rational Rose[UML], MS Vision* |
| *Web Services* | *REST API, GraphQL ,WSDL, XML, SOAP, UDDI, API, BPM,* |
| *Networking Technologies* | *TCP/IP, OSPF, BGP, Cisco, Juniper, FTP, HTTP, DNS, DHCP* |

**Ruby on Rails/React Engineer Work Experience (10/2021 - 1/2022)**

**AJLA Solvang, CA**

With a team of developers working for the State of Kansas. America’s Job Link Aliance has been helping connect employers with employees for the State of Kansas. With customized IT solutions they provide the products that everyday federal and state employers need. I worked on the FEDES app which was an IT app built in Ruby on Rails and React using two Ruby on Rails apps for web architecture and having one app solely a React app.

* Design and concept development of an overall app using Figma and hand drawn sketches.
* Build custom components using React and React USWDS library. Along with React select and integrating custom logic to provide an overall functional app.
* Used React Redux to provide state management and implemented authentication and authorization on the front-end.
* Used Rest API queries generated by the ruby on rails only application to render custom data and logic onto the front-end.
* Troubleshooting errors on the backend with Ruby and fixing the Ruby on Rails errors and fixing troubleshooting tickets on jira.
* Completely redesigned and revised the database schema and rebuilt rspec tests to provide better development and scalability to the application.
* Worked with the UI/UX designer to implement custom components to the UI and also customized some of the built in components generated by the React USWDS library.
* Integrated ransak gem onto the backend to implement server side searching for data saved into the database.
* Implemented custom encryption on SSN submission and integrated CSV uploader with custom fields implemented onto submission.
* Built a Rest API for the backend of the application built in Ruby on Rails.
* Used Github and Jira for workflow and followed an Agile Scrum framework to generate and finish software on time.
* Implemented CI/CD practices using Jenkins for deployment and staging.

**Wordpress Developer/ MERN Developer (08/2021 - 11/2021)**

**Team Lead**

**Equitysmith Santa Barbara, CA**

Began this project as a Wordpress Developer fixing up a theme using Elementor Pro as a page builder. Structuring the analyisys of the project and as the client wanted to make sure scaling app was easy and affluent I decided to restructure and redesign the site using the MERN stack instead.

* Design and concept development of an overall app using Sketch and hand drawn sketches.
* Overall layout of an app using several development and design fundamentals.
* Researching plugins and new development techniques on Github and Google.
* Strategy and plan to provide the proper structure for the app.
* Front-end fixup to allow website to have proper showcasing abilities and debugging front end HTML and CSS.
* Complete build from the ground up using React, JSX, and CSS to provide a robust front-end that can be protected from cross-browser security attacks.
* RestAPI and backend schema build and conceptual layout using Express.js, Node.js, and MongoDB.
* Redesigning logos and pictures using Sketch as my app of choice.
* Working on social media marketing, budgeting, hiring, and overall plan for the future of the website.
* Adding and building a scheduling app from scratch instead of using calendly as an API.
* Structuring models and routes on the backend to send data and ensure overall app scalability.
* Troubleshooted the front end
* Using Docker, Kubernetes, and AWS for proper deployment, dockerization, and scaling on the devops side of things.

**Vuejs/Ruby on Rails Developer / Shopify Expert (10/2020 – 05/02/2022)**

**Team Lead**

**Los Angeles, CA**

Shopify Expert building 3 stores right now (www.bizycs.com, www.trendziehub.com, and droneafly.com) on Shopify.com using VueStorefront, JavaScript, jQuery, SASS, Tailwind CSS, and HTML. Mentored for Icrewsystems for Laravel and Front End Development with 12 developers on the team and Ruby on Rails a team of 5 developers.

* Extensive product research and product sourcing.
* Working with several suppliers at all times day and night.
* Brainstorming several logo designs using Adobe Illustrator.
* Building proper mock-ups for products using Sketch and Figma.
* Built most themes using Theme-Kit and VS-Code with custom liquid scripts and am now migrating to a headless stack.
* Facebook Ads and TikTok Ads targeting campaign for the United States and Worldwide.
* Logo design re-editing.
* Building a conversion optimizer and subscription sales app in Ruby on Rails 6.1 and React.
* Used Vue.js to customize the cart and menu drawer.
* Built [www.bizycs.com](http://www.bizycs.com) in Vuejs and Nuxtjs using Vue storefront and integrating Shopify to create a headless e-commerce store easily managed with a very fast and functional frontend.
* Integrating SEO, keyword analysis, link juice, blog research, page ranking analysis.

**Ruby on Rails Developer (09/2020 - 10/2020)**

**Team Lead**

**Astreya Los Angeles, CA**

Built a Ruby on Rails ticketing system from scratch for Apple’s IT support team. Performed duties of database schema design, active directory migrations, building an API, integrating sendgrid API, integrating LDAP, user authentication. I also built the front end in html, css, and jquery bootstrap to provide a nice simplistic applelistic design. Testing is done using better-errors and pry-rails.

* Used AWS to upload the EC2 instance and S3 for data storage on the frontend.
* Uploaded the database using AWS RDS.
* Managed with cloudtrail, cloudwatch, and config rules

**Shopify Developer ( (JavaScript) (Ruby on Rails) (01/2020 – 03/30/20) )**

**Team Lead**

**No.2 Los Angeles, CA**

Worked on a redesign of the website to add in GIFs, fix the product page, and fix the scrolling issues with the front-end. Used HTML, CSS, JavaScript, jQuery. Major refactoring of the code-base was needed in order accomplish this task. Made several changes to the theme in the index.liquid file as the website did not follow liquid protocol and was written in mostly jQuery. Also worked with Recharge subscription billing to improve the API and make sure the subscriptions were working on the website.

* Built a custom subscription payment gateway implementing the stripe api and building the app in ruby on rails.

**Software Engineer (Laravel Developer) (7/2019 – 04/17/21)**

**Excursionpreneur Los Angeles, CA**

Built a Laravel PHP patient intake form for both patients and physicians. This was done making a complete database from scratch. The database held addresses, patient information, heath information, encrypted passwords and numbers using prepared statements. Two profiles were made so you either could be a patient filling out the form or a physician.

* Uploaded an AWS S3 instance to host the project
* Used Amazon RDS to upload the database on the AWS cloud server
* Enabled AWS services for HIPAA products and uploaded the website on a EC2 instance
* Built a complete Kubernetes cluster for rapid deployment and dockerizing the monolith

**Shopify Developer (Ruby on Rails) (2/2019 –11/2019)**

**Team Lead**

**L-Nutra Los Angeles, CA**

Built the preview for the Prolon L-nutra website that was done from a graphic designer on a PSD sketch. In addition, I programmed and coded the whole website using the Brooklyn theme and customized the background to fit what was needed using custom CSS due to the nature of the project and the time to complete it. I was also given a Wordpress website to work on and I completed about 95% of the project

* Worked with Email Service Providers, email marketing and HTML email coding. Word Press theme and template files using HTML, CSS, PHP, and Bootstrap 3 framework.
* Built 2 private apps to provide enhanced communication between developers for commits done, and also notifications for deployment using a Travis CI/CD pipeline.

**Laravel Software Engineer (PHP and MySQL (7/2018 –1/2019)**

**MAS Group (Beverly Hills, CA)**

Consulted on both the front-end code and gave suggestions to security on the backend for tailopez.com. Worked with HTML, CSS, and JavaScript. Found many issues with the mobile responsive ability of the website along with several errors that were found when running the DOM on the front-end. They used a basic jQuery framework for the front-end and used PHP on the backend.

Refactored the controller and fixed some queries on the database to provide faster functionality.

**Software Engineer (PHP, MySQL, and Ruby on Rails (2/2017 –6/2018)**

**Upwork and Craiglist (Beverly Hills, CA)**

Did many small freelance projects building wordpress templates and redesigning the front-end of websites. Further used PHP to build my projects from scratch and implemented custom plugin development using PHP to further enhance the wordpress website for the client. In addition, worked on many mockup and design heavy implementations that clients needed to show to their company.