JOI WILLIAMS

8918 BRANDING FIELD
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Versatile, empathetic Full Stack Developer with enthusiasm for creating robust browser-based software in a variety of modern web technologies, including Node.JS. Meticulous technical documentation writer, strong fluency with Git and other team collaboration tools.

SKILLS

LANGUAGES	JavaScript, SQL, PHP, Python, Java, C,and Ruby
FRONT END	HTML5, CSS3, AJAX, Responsive Web Design (RWD), LESS & SASS, jQuery, Bootstrap, Semantic UI, AngularJS, React, Jekyll, Email Templating, Liquid
BACK END	NodeJS, Mocha/Chai, ExpressJS, Django, Flask
DATA	MySQL, PostgreSQL, MongoDB, MSSQL, Elasticsearch, Kibana
DEVOPS & SYS ADMIN	Git, Mercurial, Subversion (SVN), Docker, Jenkins, Vagrant, Apache, NGINX, Digital Ocean, DNS, GitLab CI, Linux

RELEVANT EXPERIENCE

Full Stack Developer — NewTek, San Antonio — **11/2016 to Present**

- Improved existing ecommerce/marketing and sales solutions by adding requested product features and resolving outstanding bugs

- Supported product development by coding new features for serial generation (Ruby on Rails) and licensing (Python/Flask) microservices

- Converted existing large-scale websites from Joomla and Wordpress CMS to static Jekyll sites by extracting data via SQL queries and recreating plugin functionality using Shopify Liquid

- Developed NodeJS based command-line tool to automate data migration from ecommerce and third party service APIs to SQL databases and ELK (Elasticsearch,Kibana, Logstash) stack

- Responsible for front-end development and UI/UX design of public websites, online store, and email templates

- Reduced cost by developing a site-wide search and custom reseller locator (Ruby and client-side JavaScript) which integrated with Channeltivity reseller partner portal and Google Maps APIs

- Responsible for MySQL and PostgreSQL database creation and administration

- Extended functionality of Magento eCommerce store via PHP extension development and assisted team in testing, resolving bugs, and applying security patches

- Single-handedly developed front-end and back-end for a web app and API for maintaining and accessing customer blacklist data by sales and support teams using NodeJS

- Responsible for setup and monitoring of Google Analytics, AdSense, and Search Console data aggregation and generating quarterly reports via Data Studio

- Performed routine DevOps operations including deploying continuous integration and testing, dockerized deployments, and preparing hosting servers

- Assisted in the software development of a web-based video RTC (Real-Time Communications) consumer built on NodeJS

- Fixed outdated Django environment for Lightwave websites by updating versions of many deprecated and missing public libraries and troubleshooting dependency conflicts and bugs

Volunteer/Freelance Web Developer and Designer — 03/2015 to 01/2017

- Collaborated with a fellow developer to build a significant Single Page Web Application (SPA) using a MEAN stack and several JavaScript frameworks

- Designed and constructed static websites, CMS templates, and graphic design of printed materials for clients

Chemical Analyst — SouthWest Research Institute, San Antonio, TX — 10/2006 - 11/2016

- Maintained department's analytical instrumentation, including troubleshooting and resolving mechanical, electrical, and software issues for million dollar projects

- Analyzed liquid and gas samples and developed new analytical methods for clients in the petrochemical, environmental, biotechnology, pharmaceutical, and food sciences, writing SOPs, and training personal

- Catalyzed the successful development of a custom large-scale LIMS (Laboratory Information Management System) and Gas Sequence Sampler software for a client by designing the user interface and acting as an interdisciplinary liaison

- Responsible for automating analytical data aggregation, configuring acquisition software, and authoring scripts for monitoring small-scale pilot units

EDUCATION

University of Texas at San Antonio — *B.A. Multidisciplinary Studies*

FOCUSES: Computer Science, Chemistry, and Audio Technology