MARC MARQUEZ

FULL STACK WEB DEVELOPER

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SUMMARY

Detail driven Full Stack Web Developer with a passion for designing and delivering engaging and intuitive customer solutions. Possesses a unique knowledge base of refined industry experience, multi-platform cloud infrastructure expertise, extensive cross-functional team and timeline oriented product delivery methodologies and proficiency in tech stack technologies such as JavaScript, Python, REST, MySQL, MongoDB and responsive web design.

EXPERIENCE

LEAD ENGINEER - *Hewlett-Packard Enterprise, Roseville, CA / 2015 – 2017*
Perform as the lead engineer to build and deploy a test framework (similar to Jenkins) CI/CD environment and create automated integration, system, regression, and acceptance test scripts for the release of embedded enterprise software.

- Reduced SDLC testing and deployment schedules by 70% by creating a reliable and scalable delivery pipeline that streamlined build integration, test execution, and deployment.
- Increased product release productivity by 300% by mentoring multiple engineers to use the test framework leading mgmt to initiate synchronous release cycles.

SUBJECT MATTER EXPERT (SME) *// 2011 – 2017*
Perform as the technical Subject Matter Expert (SME) on the development and sustainment of a web application for field and sales engineers. Collaborated with stakeholders to continually improve user experience and deliver updates efficiently.

- Led UI/UX redesign of original web application by working with the dev team to gather requirements, create user stories, and build prototypes/wireframes.

SYSTEMS TEST ENGINEER *// 2005 – 2015*
Serve as a key member of a systems integration team to build cloud infrastructure test environments using various servers, networking and storage devices to test embedded enterprise software.

- Discovered, diagnosed and drove to resolution multiple bugs/defects by utilizing Root Cause Analysis (RCA) techniques to describe, monitor, and update issues by gathering support data such as OS, kernel, and trace logs, and validating fixes.

SOFTWARE DEVELOPER AND TEST ENGINEER *// 2001 – 2005*
Serve as a key member of a software team to develop a Java utility application for field engineers. Built scripts to automate UI testing of a Java enterprise management application. Created and executed test plans for network management software.

PROJECT WORK

BUG/FEATURE TRACKER - *Code Institute Project / December 2018*
Web/mobile responsive Django application using HTML5, CSS3, JavaScript, and Bootstrap for front-end and Python, MySQL for the back-end. Python code implements account authentication, up-voting, and integrates with Stripe payments API to let users donate money.

DATA DRIVEN VISUALIZATION - *Code Institute Project / August 2018*
Web/mobile responsive Flask application presenting data in charts and histograms using HTML5, CSS5, DC.js, D3.js and Crossfilter.js on the UI and Python with MongoDB on the back-end.

ROSEHIP PRODUCTIONS - *Code Institute Project / March 2018*
Web/mobile responsive Angular application promoting an events coordination company using HTML5, CSS3, JavaScript, and Bootstrap.

EDUCATION

BS / COMPUTER SCIENCE
December 2000
CSU Sacramento
Sacramento, CA

DIPLOMA / FULL STACK SOFTWARE DEVELOPMENT
January 2019
Code Institute
Dublin, Ireland

SKILLS

LANGUAGES
Python, JavaScript, HTML, CSS

LIBRARIES
jQuery, Crossfilter, DC, D3

FRAMEWORKS
Django, Angular, Flask

DATABASES
MySQL, MongoDB, SQL

PAYMENT PLATFORMS
Stripe, PayPal

VERSION CONTROL
Git/Github

OPERATING SYSTEMS
Linux, Windows, VMWare

OTHER TECHNICAL
Bootstrap, Heroku, Wireframing, Debugging, REST, Bugzilla

GRAPHICS
Photoshop, Gimp

SOFT SKILLS
Leadership, Collaboration, Communication, Problem Solving, Creativity