Eduardo A. Verde

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Profile

Agile trained Full-Stack Software Engineer with a complete understanding of the software development life-cycle process. Versed in several programming languages, emerging technology, cloud computing, Microservices, containerization, and a variety of frameworks. Able to work in a team environment or independently. Proactive, results-driven, and problem solver who is innovative, resourceful, and comfortable with risk-taking.

More than 6 years programming and enterprise application development experience.

Skills

Languages
Proficient in: Python, TypeScript, JavaScript, Java, HTML5, CSS3, SQL
Familiar with: C, C++, Microsoft Visual Basic®, TSQL

Technologies and Frameworks
Database: MySQL, MS SQL Server, Oracle Express, PostgreSQL, Mongo
Frameworks: Flask, SpringBoot, NodeJS, Angular 4+, Pyramid, Django, React
Tools: Docker, RabbitMQ, Jenkins
OS: Windows, Unix, Linux

Skills

- Agile
- Project Management
- Web Design and Development
- Software Development

- Database Structures
- Microservices
- AWS
- REST

Professional Experience

Full-Stack DevOps Software Engineer
January 2018 - Present
Adapt Forward Cyber Security   *Charleston, SC (Remote)*

- Primary responsibilities include design, architect, manage, and code a microservice application following software engineer principles such as DRY and SOLID to be release and deployable to the cloud for a NIWC(SPAWAR) CSSP security information and event management (SIEM) application to support over a million endpoints.
- Manage a team of five (5) developers ensuring tasks were detailed, obtain objectives, and meet customer requirements using GitLab Project Management Toolset. Including creating standards for epics, milestones, and issue creation. While following GitFlow and Agile methodologies.
- Lead in implementing testing suites and protocols for frontend and backend services
- Translate customer requirements and vision to obtainable goals while maintaining legacy code
- Mentor, other developers to provide direction in completion of their coding roadblocks achieving a shared understanding of development best practices and to further extend their development goals.
- Developed a complete onboarding package for new developers that would not only assist in setting up a base development environment but ensured developers understand general technology, architecture, and the objective of the application.
- Learned, understood, and implemented Cyber Security tools sets to follow the NIST Framework, this includes but not limited to Taxii, STIX, CyBox, and MISP.

Technologies and Tools: Flask, Pyramid, PonyORM, SQLAlchemy, Pyramid, Jinja2, ExpressJS, Angular7, React, Material 2, State Management, AuthGuard, FlexLayout, BootStrap, MySQL, PostgreSQL, Docker, Nginx, GitLab, Django, Docker
Languages: Python, TypeScript, JavaScript, SQL, YML, HTML, CSS, SaSS

Software Developer   August 2015 – December 2017
U.S. Customs and Border Protection/OIT/BEMSD   *Alexandria, VA*

- Developed a modern, responsive, and accessibility website for the public domain as well as an internal enterprise tool that could be used on any device.
- Refactored multiple applications to stratify security standards, responsiveness, and configurable for cloud deployment.
- Developed and tested a new financial reporting system using Visual Basic.
- Became a key member in evaluating, containerizing, decoupling, and refactoring 90 different internal application which would transition from on-premise to the cloud.

Technologies and Libraries:
   SpringBoot, Ionic/Cordova, Angular 4, Flask, Django, RestfulPlus, Oracle, MySQL, Docker, AWS
Languages:
   Java, Python, TypeScript, JavaScript, HTML, CSS, C++

Technical Specialist   October 2013 – August 2014
U.S. Customs and Border Protection/OIT/EWCD   *Orlando, FL*

- The core technology expert that not only adopted a tightly coupled legacy MS Access Database that was dependent on MS spreadsheets but overhauled the entire system into a modern web application.
- Translated a Cost Recovery Model from Excel spreadsheets into a functional and accurate web application for the Program Support Team.
- Transformed Cost Recovery Model (CRM) design requirements into a fully functioning prototype system capable of calculating service pricing for multiple customers based on a complex set of modifiable recovery scenarios and parameters. This system integrates financial, service, asset, and utilization data for providers, suppliers, and customers.
- Coded and Maintained a database the was used to manage and track land mobile radio assets and configuration across the nation.

Technologies and Libraries:
   MySQL, Access, SpringBoot
Languages:
   Java, HTML, JavaScript, CSS, VBA

Education / Certifications

Bachelor of Science - Rollins College   Winter Park, Florida

Majored in Computer Science, Minor in Business   August 2014 - December 2017

Certifications

CompTIA Security +   July 2018
AWS CCP   July 2020

Security Clearance

Secret   2018
DoD Top Secret and IT1 (*Pending Completed Investigation*)   2019
DHS Public Trust   2020