Aaron D. Palas

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EXPERIENCE

Senior Software Support Engineer, *Inductive Automation*
Folsom, CA | July 2018 - Present

Provide application and technical support for integrators and engineers using the industrial server software Ignition - a Java application that has the potential to function as an enterprise-level solution for bridging IT practices with the manufacturing industry. Requires good understanding of various application protocols, including websockets, HTTP(s), LDAP, SMTP, SIP, VoIP, and OPC-UA. Provide support for integration and application for various security methods such as Active Directory, Identity Providers, and SSL/TLS. Collaborate with the support team and managers to solve customers' issues related to Human-Machine Interface design, Python scripting, networking, SQL querying, and installations/upgrades involving the application's platform. Replicate and report software bugs on YouTrack related to platform interface, API, server/client performance, OS compatibility, and integration with other software.

Volunteer*, Computer Science for Kids*
Davis, CA | October 2017 - March 2018

Introduced programming concepts to elementary and middle school level children in an afterschool program. Collaborated with school staff and fellow volunteers to successfully develop interest in and teach the fundamentals of building programs to students by leading exciting and innovative activities using high abstraction software tools, Blockly and Scratch. Taught Xcode/Swift to introduce simple mobile application development for beginners.

PROJECTS

IWIL - I'll Watch It Later
Javascript, Node.js, Express, MongoDB | May 2020
Utilized web api to retrieve movie details - including genre, director, cast, and availability on streaming or web store platforms - following REST architectural style. Provided a user interface to store, edit, and delete lists of movie selections in a NoSQL database. Included user authentication for permitting all CRUD operations.

Portfolio Website - adpalas.github.io/my-portfolio/
React, Bootstrap, Node.js | July 2020
Web developer portfolio website to showcase projects. Deployed web application using Create-React-App in order to understand React's component-based structure and integration with other frameworks.

TECHNICAL SKILLS

Languages	Front-End	Back-End	Software	Services	Operating Systems
JavaScript	HTML/CSS	Node.js/Npm	VMware	Git	Windows
Python	Bootstrap	MySQL	Wireshark	Heroku	Linux
Java	jQuery	MSSQL	Docker	Zendesk	MacOS
C / C++	React	MongoDB		YouTrack	

EDUCATION AND TRAINING

University of California, Davis | June 2018
B.S. in Computer Science

Udemy - Web Developer Bootcamp | March 2020
Certification for Colt Steele's Web Developer Bootcamp course on building full stack web applications. Focused primarily on technologies, HTML/CSS, JavaScript, Bootstrap, Node.js, Express, Passport, and MongoDB.