Joshua Jefson Romulo

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University Education

Bachelor of Science, Computer Science - California State University, East Bay
<u>Coursework</u>: Analysis of Algorithms, Data Structures and Algorithms, Software Engineering,
Computer Networks, Computer Architecture, Security and Information Assurance, Website Development
<u>Awards</u>: Dean's List 2022

Technical Skills

<u>Tools</u>: Visual Studio Code, Visual Studio 2022, SQL Server Management Studio, Active Directory
<u>Ticketing Systems</u>: ServiceNow, SysAid
<u>Languages</u>: Python, Java, C++, C#, JavaScript, TypeScript, HTML5, CSS3, SQL
<u>Libraries/Frameworks</u>: React, NextJS, Tailwind CSS, React Native, .NET
<u>Version Control</u>: Git, Azure DevOps, GitHub
<u>Management</u>: Agile, Scrum

Work Experience

Software Engineer I

Acuren Engineering – 40 hours/week   *Feb 2025 – Jul 2025*
- Developed and maintained Windows and web-based applications in an Agile .NET environment.
- Upheld Object-Oriented Programming (OOP) principles and best practices using C# and JavaScript.
- Followed source control best practices using Git and Azure DevOps, fostering collaboration and supporting continuous integration workflows.
- Utilized and maintained relational databases using SQL and SSMS.
- Employed effective communication with product stakeholders and team members.

IT Help Desk Analyst

Acuren Engineering – 40 hours/week   *Nov 2023 – Feb 2025*
- Analyzed and resolved issues relating to software, hardware, and computer networking.
- Ensured security and privacy of computer networks and computer systems.
- Administered Azure accounts for employees throughout the company.
- Managed and maintained inventory of company IT assets.
- Deployed computers using Microsoft Autopilot.

Projects

IT Assessment Quiz Application [TypeScript, NextJS, AWS Amplify, AWS Route 53]
- Built a testing application consisting of multiple choice and fill-in modules by which users who are preparing for the CompTIA 220-1101 & 1102 exams can demonstrate and refine their knowledge for said exams.
- Implemented a randomized algorithm such that upon page refresh of the web application, questions become rearranged in a different order.
- https://joshuajefson.com/pages/apps | https://github.com/jromulo745/nextjs-personal-website

Unix-based Custom Battery Notifier [Python, AppleScript, OsaScript]
- Created a python-based detection script informing the [macOS/Linux] user if the battery level is at/below 20% or is at/above 80%, to prolong the battery health of the device using the script.
- Implemented a sound notification when the battery levels reach the polar thresholds.
- https://github.com/jromulo745/battery-checker