Oluwaseun Olusanya

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Professional Summary

Engineer that leverages over 6 years' experience in developing jet engine control software applications to plan, design, build and implement user interfaces for web applications.

Applies system-thinking, problem decomposition and passion for quality to build accessible high-performance websites and web applications that are accessible and user-friendly.

Strengths in great attention to details, analytical, creative, collaborative across different teams and stakeholders.

Technical Skills

HTML, CSS, JavaScript, React, Python, Django, SQL, Node, Git, GitHub, HTTP, Network Protocols, Linux, Microsoft Azure, AWS.

Projects

near-miss-web-app | GitHub Repository | Website

- Summary: Built and deployed a static mini website that displays data (taken from one of NASA's open APIs) concerning potentially hazardous space objects that threaten our existence on Earth!
- Tools: Prettier, HTML, PostCSS, JavaScript, JSX, Git, GitHub, ESLint, Parcel and Netlify

Experience

Software Engineer | Rolls-Royce plc, UK | September 2017 - Present

- I collaborated with the software design teams on two business jet projects, training them on effective use of an integration testing tool to validate their code. This removed unnecessary rework during the development process and made a cost saving of around £120,000.
- I led formal integration testing of the application software used for the safe and efficient control of the engines on a private jet which helped to achieve regulatory certification of the aircraft within the stipulated time frame.

System Integrator | Callisto Integration, UK | June 2016 - August 2017

- I implemented a web-enabled MES system to satisfy the requirements defined from user stories gathered during a workshop with the stakeholders of a food manufacturer. As a result, the company was able to accelerate generation of detailed product genealogy and material traceability, reducing the cost of regulatory compliance thereby protecting their brand equity.

System Engineer | Emerson, UK | September 2014 – May 2016

- I led a team of 3 engineers to deliver 4 pairs of Remote Terminal Units to project budget and schedule by implementing incremental tests as the components of the units were built, installed, or developed and performing a robust preliminary factory acceptance testing. This enabled Emerson to reallocate resources to another project thereby reducing operational cost.

Education

Certificate in Front-End Web Development - edX Skills Bootcamp, UK

Master of Science, Systems and Control Engineering - City, University of London, UK

Bachelor of Science (Honours), Chemical Engineering - University of Lagos, Nigeria

Extra-Curricular & Certification

J.P. Morgan Software Engineering Virtual Experience on Forage - October 2023
- Set up a local dev environment by downloading the necessary files, tools, and dependencies.
- Fixed broken files in the repository to make web application output correctly.
- Used JPMorgan Chase's open-source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

Microsoft Certified: Azure Fundamentals - June 2023