Festus Osayi

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Profile

Computer Programming graduate with a strong academic background in software development and Linux environments. Proficient in Python, and JavaScript. Known for strong attention to detail, and committed to agile development and cultivating a collaborative engineering culture. Willing to travel globally up to 10%. Eager to leverage my technical and analytical skills to contribute to a dynamic team.

Education

Seneca College, Associate degree in Computer Programming   Toronto, August 2023
- Relevant coursework: Web development, Database System Design, Advanced programming Languages, System Methodologies, Data Structure, Security, Operating systems, UI/UX, Project Management

Projects

The Ping Pong Game
- Designed a classic Tic Tac Toe game with Python and the Turtle graphics package
- Implemented player controls by moving the paddles vertically using keyboard inputs
- The project demonstrates proficiency in Python programming, logical problem-solving, and the ability to create an interactive and functional game

E-commerce Front Web App
- Created a customer-centric e-commerce front web app utilizing Next.js and JavaScript
- Styled-component CSS was used for effective styling, ensuring fast optimal performance
- Implemented a user-friendly shopping cart, enabling users to add, review, and delete products
- Google Cloud services were used to ensure scalability and stability, resulting in faster operations

Blog Post Web App
- Developed a full-stack blog post web app using JavaScript, Express JS, Node JS, and MongoDB
- Built the web app using the Bootstrap framework for effective styling and responsiveness
- Managed the data storage and retrieval using MongoDB and PostgreSQL as database options

Assembly Line Simulation
- Developed a simulation of an assembly line station, utilizing the core features of C++
- The assembly line consists of a set of workstations each of which holds a set of stock items
- Each station processes a queue of orders by filling the next order in the queue if that order requests the station's item and that item is in stock
- Created a feature that any station that has used all the items in stock cannot fill any more orders

Skills

Programming Languages: Python, JavaScript, C, C++
Agile Development Tools: Jira, Trello, Teams
Linux Skills, System Administrator, Command Line Interface (CLI), Shell Scripting, Networking, Ubuntu
Cloud Services: Google Cloud Platforms, Amazon S3 web services
Web Development: JavaScript, TypeScript, CSS3, HTML5, Rest APIs, JSON, GraphQL
Frameworks & Libraries: React, Next JS, Tailwind CSS, Bootstrap, Express JS, Node JS, Redux
Unit Test and Build Tools: Jest, Moncha, Testing library, Cypress, Enzyme, Webpack
Version Controls: Git, Github, Bitbucket
Databases: Oracle, PostgreSQL, MongoDB, MySQL, Microsoft SQL Server

Certifications

Intensive Cloud Bootcamp, Cloud Computing   September 2023
The Cloud Bootcamp