Festus Osayi

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EDUCATION

Seneca College   Toronto, ON
Associate Degree in Computer Science   *May. 2022 – Aug 2023*

EXPERIENCE

Frontend Developer Intern   Nov. 2022 – Jul. 2023
Allwood Products   *Vaughan, ON*

- Modernized the company's e-commerce platform using JavaScript and React, increasing user satisfaction by 15%.
- Documented API best practices in React, improving the code's overall quality and load time
- Pioneered a comprehensive integration/units test with Jest and React testing library, and E2E test with Cypress
- Assisted in developing front-end apps with Canva, HTML, CSS, React, JavaScript, used by 20,000+ users
- Engaged in agile development processes: meetings, planning, and retrospective with Jira, Trello, and Teams

PROJECTS

E-commerce Admin | *NextJS, Tailwind, GCP, NodeJS, MongoDB*

- Designed an e-commerce admin web app utilizing Next.js, Node.js, JavaScript, and Tailwind CSS
- Crafted an aesthetically pleasing and highly responsive user interface, employing Tailwind CSS
- Implemented Amazon S3 Services for seamless image upload and retrieval functionalities
- Managed the development and deployment processes through the Google Cloud Console platform, ensuring scalability and optimum performance

E-commerce Front App | *Rest API, NextJS, NodeJS, MongoDB, GCP*

- Created a customer-centric e-commerce front web app utilizing NextJS, NodeJS, and MongoDB
- Styled-component CSS was used for effective styling, resulting in a 25% improvement in app performance
- Engineered a user-friendly shopping cart, using context provider to manage the application state effectively
- Integrated Amazon S3 Services for image processing, upload, and retrieval

Blog Post Web App | *ExpressJS, Bootstrap, MongoDB, PostgreSQL*

- Developed a full-stack blog post web app using JavaScript, ExpressJS, NodeJS, PostgreSQL, and MongoDB
- Built the web app using the Bootstrap framework for effective styling and responsiveness
- Managed the data storage efficiently, leading to a 20% improvement in database query performance

Assembly Line Simulation | *C++, STL Containers*

- Employed the core features of C++ to optimize parallelism and real-time processing in assembly line simulation.
- Achieved a 15% improvement in simulation efficiency through optimization techniques

The Ping Pong Game | *Python, Turtle Graphic*

- Designed a classic tic-tac-toe game with Python and the Turtle graphics package
- Implemented intuitive controls and realistic ball physics, resulting in a substantial 20% increase in user engagement
- Demonstrates proficiency in Python programming, game design, and graphics library application

TECHNICAL SKILLS

Web Development: JavaScript, Typescript, CSS3, HTML5, Rest APIs, JSON, GraphQL
Programming Languages: JavaScript, Python, C, C++
Frameworks: React, NextJS, NodeJS, ExpressJS, Flask, Tailwind CSS
Libraries: Bootstrap, jQuery, React testing library
Databases: Oracle, PostgreSQL, MongoDB, MySQL
Cloud Services: Google Cloud Platforms (GCP), Amazon Web Services (AWS), Vercel
Testing Frameworks: Jest, React Testing library, Cypress, Mocha
Collaborative Tools: Git, Bitbucket, Gitlab, Jira, Trello, Microsoft Teams