

Festus Osayi

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EDUCATION

Seneca College

Associate Degree in Computer Science

Toronto, ON

May. 2022 – Aug 2023

EXPERIENCE

Frontend Developer Intern

Nov. 2022 – Jul. 2023

Allwood Products

Vaughan, ON

- Demonstrated strong English communication skills through effective collaboration with a cross-functional team to implement proactive measures to address quality issues, resulting in a 20% reduction in post-release bug reports
- Documented best practices for REST services in React to optimize code quality and reduce load time by 15%
- Participated in the development of front-end applications using Typescript, HTML, CSS, React, and GraphQL to improve the user experience for a client-facing platform with over 20,000 users
- Pioneered the development and implementation of a comprehensive integration/units test with Jest, Cypress, and React testing library, ensuring comprehensive test coverage for a critical software application
- Engaged in agile development processes: meetings, planning, and retrospectives with Jira, Trello, and Teams

PROJECTS

Assembly Line Simulation | C++, STL Containers

- Leveraged object-oriented principles to enhance parallelism and real-time processing in assembly line simulation, utilizing encapsulation, inheritance, and polymorphism to structure the simulation framework efficiently
- Designed classes to represent diverse assembly line components, enabling modularity and extensibility
- Achieved a 15% improvement in simulation efficiency through optimization techniques

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 using PostgreSQL relational database management systems, leading to a 20% improvement in database query performance

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

- Designed and implemented an e-commerce admin web app from scratch using Next.js, Node.js, JavaScript, MongoDB, and Tailwind CSS to streamline product management and enhance user experience.
- Implemented Amazon S3 Services to enhance image upload and retrieval capabilities, addressing a need for seamless data management and storage
- 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

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 object-oriented 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

Developer Tools: Chrome DevTools, Visual Studio Debugger, Git, Gitlab, Jira, Trello, Bitbucket