

MAYOWA AWOSIYAN

PROFESSIONAL SUMMARY

A software developer with experience in both front-end and back-end development, proficient in technologies such as React, Node.js, PostgreSQL, TypeScript, JavaScript, Python, HTML and CSS. Adept at navigating large codebases, debugging, and writing clean, maintainable code in collaborative environments. Strong computer science fundamentals include object-oriented programming, algorithms, data structures, and more. Strong communication skills demonstrated through engaging with non-technical clients to translate project requirements into functional solutions. Passionate about continuous learning and creating useful user-friendly software solutions.

PROFESSIONAL EXPERIENCE

Department of National Defence

Ottawa, ON, Canada

Software Developer

05/2023 - 09/2023

- Designed and enhanced a dynamic 6-page website using SQL, HTML, C#, and .NET framework, significantly improving user interaction and overall digital experience.
- Optimized backend performance by leveraging SQL, resolving complex data challenges and enabling real-time content updates, which increased data accuracy and system responsiveness by 10%.
- Improved operational efficiency by utilizing Apache NiFi to streamline data flow across systems, enabling real-time data integration and effective data management.

Public Services and Procurement Canada

Ottawa, ON, Canada

Software Developer

09/2022 - 12/2022

- Implemented TDD (Test-Driven Development), reducing production issues by 15% and improving code reliability by developing at least three automated test cases per feature.
- Developed and maintained a web application using Django (Python), collaborating within a four-person team to ensure platform stability and performance.
- Optimized data retrieval for interactive visualizations by efficiently integrating SQL queries with API calls.
- Streamlined version control and collaboration using Git and GitHub, following best practices like feature branching and regular commits to maintain a clean, organized codebase.

Innovation Science and Economic Development Canada

Remote

Software Developer

01/2022 - 04/2022

- Reduced production issues by 12% and increased code coverage by 23% by developing comprehensive test cases and implementing automated testing with Jest.

- Bridged user requirements and development by translating stakeholder needs into actionable tasks, improving project alignment and enhancing the usability of the final product.
- Built a high-performance front end with React, optimizing responsiveness, accessibility, and user experience for a seamless interface.
- Developed interactive UI documentation using Storybook.js, streamlining component testing and improving design consistency.

University of Ottawa

Remote

Software Developer

05/2021 - 09/2021

- Developed a Journey Editor Software that leveraged graph structures to visually represent database connections, enhancing data navigation and analysis.
- Communicated technical progress effectively by participating in biweekly meetings with non-technical clients and stakeholders, providing updates, resolving blockers, and answering questions, leading to increased client confidence and project alignment.
- Implemented robust version control practices using Git to manage code revisions, ensuring seamless collaboration and project continuity while mitigating the risk of code loss or regression.

PROJECTS

NestSplit

2024 - Present

- Mobile application to allow households to coordinate and manage grocery lists, chores, interpersonal debts, and more.
- Developing with Flutter for the front-end and Supabase being used to handle the back-end tasks such as user authentication and data storage.

SKILLS

Programming Languages: Python, Java, TypeScript, JavaScript, HTML/CSS

Frameworks and Libraries: Next.js, React.js, Django, Pandas, NumPy, Tailwind CSS, Scikit-learn

Databases and Back-end Services: SQL, PostgreSQL, Firebase, Supabase

Tools and Technologies: Git, GitHub, Node.js, Jest, Docker, Kubernetes, Jira

Soft Skills: Problem-Solving, Agile Development, Verbal Communication

EDUCATION

University of Ottawa

Bachelor's, Computer Science

- Object-Oriented Programming, Artificial Intelligence, Algorithm Analysis, Data Science, Data Structures, Web Development, Machine Learning, Technical Writing, User Design Analysis, Database Management and more.