# MAYOWA AWOSIYAN

## PROFESSIONAL SUMMARY

A software developer with over a year of experience in several frameworks and technologies, including Next.js, React, Angular, Python, AWS, Java, JavaScript, TypeScript, SQL, and more. Passionate about continuously learning and writing high-quality code to create user-friendly applications that solve real problems using the latest technologies and methodologies. This is showcased through formal education at the University of Ottawa, personal projects focused on helping users keep track of their households through NestSplit, and certifications in cloud computing fundamentals and containerization. These technical skills alongside excellent communication skills will lead to high-quality and effective contributions to teams and projects while constantly developing as a professional.

## SKILLS & TECHNOLOGIES

**Skills:** Software Development, Communication Skills, Automated Testing, Version Control, Data Structures & Algorithms, Relational Databases, Database Management, Agile Development, Test Driven Development, Full Stack Development, Problem-Solving, Data Analysis, Troubleshooting, Technical Writing, Detail-Oriented, Code Review, Decision Making, Cloud Computing

**Technologies:** Python, Java, Next.js, React.js, Angular, TypeScript, JavaScript, Tailwind CSS, SQL, Angular, Kubernetes, Docker, HTML/CSS, Node.js, Jupyter Notebook, Git, AWS, PostgreSQL, JUnit, JIRA, NoSQL, Jest, NumPy, Pandas

## PROFESSIONAL EXPERIENCE

**Department of National Defence**                                                                          **Ottawa, ON, Canada**
**Web Developer**                                                                                                     **Jun 2023 - Sep 2023**
-   Developed and modified a dynamic 6-page website using HTML, C#, and SQL to improve user interaction and experience.
-   Leveraged SQL expertise to address complex backend challenges, delivering real-time content updates, which improved data accuracy and system responsiveness by 12%.
-   Streamlined data flow across systems by utilizing Apache Nifi for efficient data management, enabling real-time data integration and improving operational efficiency.

**Public Services and Procurement Canada**                                                             **Ottawa, ON, Canada**
**Web Developer**                                                                                                     **Sep 2022 - Dec 2022**
-   Developed and maintained a web application using the Django Framework, contributing to a stable platform for users.
-   Ensured accessibility by enforcing code compliance across structure, security, and cross-browser/device compatibility, enhancing user experience.
-   Followed TDD (test-driven development) methodologies, developing a web application with automated tests that minimized production issues and improved code reliability.
-   Utilized Git for version control in team projects, following standard practices such as feature branching and regular commits, ensuring a clean and collaborative codebase

**Innovation Science and Economic Development Canada**                                                  **Remote**
**Web Developer**                                                                                                     **Jan 2022 - Apr 2022**

- Improved project alignment with user requirements by translating them into actionable tasks, enhancing the usability and effectiveness of the final product.
- Developed high-performance front-end components using React, ensuring excellent performance, responsiveness, and user experience.
- Enhanced functionality and accuracy by regularly reviewing website elements, improving the platform's reliability.
- Reduced production issues by performing code reviews and automated testing, proactively identifying and resolving bugs

**The University of Ottawa**                                                            **Remote**

**Software Developer**                                                      **Jun 2021 – Aug 2021**

- Created Journey Editor Software using graph structures to represent connections in a Database visually
- Engaged in client meetings, conducting Q&A sessions to discuss project details
- Implemented version control using Git to manage code revisions, ensuring project continuity and mitigating the risk of code loss or regression
- Utilized Java libraries to develop a visualization tool that transformed database connections into a dynamic graph, visually representing relationships between entities.

## PROJECTS

**Nest Split**                                                               **July 2024 - Present**

- Mobile application to allow households to coordinate grocery lists, chores, internal debts, and more
- Developing with Flutter for the frontend and Supabase being used to handle the backend tasks such as user authentication and data storage

## EDUCATION & TRAINING

**University of Ottawa**                                                     **Sep 2019 - Jun 2024**

**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.

**IBM Skills Build**                                                     **Nov 2024 – Dec 2024**

**Containers and Kubernetes essentials**

- Explored the benefits of containerization, Kubernetes architecture, writing a YAML deployment file, managing applications with Kubernetes, building and running a container image, and more.

**Cloud Computing Fundamentals**

- Cloud deployment models, cloud technologies, cloud service models, IaaS, SaaS, DBaaS, PaaS, virtualization, orchestration, cloud security, and more