

Ayomide David Awonaya

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EDUCATION

Carleton University

Bachelor Of Computer Science (Honours)

Ottawa, ON

Sep 2019 – Nov 2024

- Recipient of Carleton's \$8000 Entrance Scholarship for academic excellence.
- Completed Carleton University Coding Boot Camp with Distinction in Full Stack web Development

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, C++

Frontend: React, Next.js, MobX, Redux, Tailwind CSS, Storybook, Angular

Backend & APIs: Node.js, Express, GraphQL, Prisma, FastAPI, Flask, REST

Databases: MySQL, PostgreSQL, MongoDB, Firebase

Cloud & DevOps: AWS (S3, Lambda, EC2), Docker, Vercel, Kubernetes, Git, CI/CD

Testing: Vitest, Jest, Playwright, Lighthouse, Sentry, Playwright, Mocha, Junit

EXPERIENCE

Senior Software Engineer

June 2024 – Present

Emraay Solutions, Toronto

- Developed a scalable HR application mirroring Workday, optimizing UI components with React and TypeScript
- Improved API performance by 25% using GraphQL and Relay for efficient data fetching.
- Implemented Storybook for UI components, improving reusability and consistency
- Led performance optimization efforts, reducing bundle size by 30% with tree shaking and lazy loading

Software Engineer

Sept 2023 – April 2024

Carleton University, Ottawa

- Led development of 15+ interactive web applications supporting 200+ students and faculty, increasing engagement by 90%
- Optimized frontend performance, cutting initial load times by 40% using code splitting and React Lazy
- Implemented CI/CD pipelines with Docker and Kubernetes, reducing deployment time by 40%
- Proactively identified and mitigated 20+ vulnerabilities, increasing system security
- Conducted accessibility (a11y) audits, ensuring compliance with WCAG 2.1 standards

Full Stack Developer

June 2020 – August 2021

Shell Nigeria

- Developed responsive UIs with React.js and Redux, enhancing UX for internal tools
- Created a room maintenance application for offshore workers, streamlining accommodation and maintenance requests

PROJECTS

AED Simulation Application | C++, GitHub

- Simulated the functionality of an AED Plus device for emergency response training.
- Link: <https://github.com/AyomideAwonaya21/3004-Project->

Pet Finder Application | React, GeoAPIfy, Petfinder API

- Developed a responsive web application with real-time, location-based filtering, integrating external APIs for seamless data fetching and improved UX
- Link: <https://ayomideawonaya21.github.io/The-Ultimate-Personality-Pet-Finder/>

Weather Dashboard | JavaScript, Open Weather API

- Developed a real time weather dashboard with Open Weather API, delivering dynamic forecasts based on user input
- Link: <https://ayomideawonaya21.github.io/weather-dashboard/>

Password Generator | JavaScript, HTML, CSS

- Developed a secure password generator with customizable options for complexity
- Link: <https://ayomideawonaya21.github.io/password-generator/>