Ayomide David Awonaya

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EDUCATION

Carleton University, Ottawa, ON
Bachelor Of Computer Science (Honours)   Graduated November 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: Python, Java, JavaScript, C++, C, C#, SQL, HTML/CSS
Frameworks/Libraries: React, Node.js, Express, Spring Boot, Django, Next.js, Tailwind CSS, Mocha, Junit, Selenium
Databases: MongoDB, MySQL, PostgreSQL, Cassandra, SQLite, Prisma
DevOps & Tools: AWS, Docker, Kubernetes, Azure, PowerShell, Git, GitLab, Linux, Prometheus, Firebase, Vercel
Testing: Jest, Selenium, Mocha, Junit, PyTest
Cloud & Data: AWS S3, Lambda, Azure Functions, Supabase, Convex

EXPERIENCE

Software Engineer   June 2024 – Present
Emraay Solutions, Toronto
- Developed a scalable HR application mirroring Workday, focusing on employee management, time tracking and payroll.
- Designed and implemented RESTful APIs with Node.js and Express, reducing API latency by 25%.
- Optimized databases queriers with MongoDB, enhancing data retrieval speed by 20%
- Collaborated in Agile sprints, contributing to a 98% uptime and a 92% user satisfaction rate

Software Engineer   Sept 2023 – April 2024
Carleton University, Ottawa
- Led in the development of 15+ applications to support over 200 students and faculty members.
- Implemented CI/CD pipelines with Docker and Kubernetes, reducing deployment time by 40%
- Proactively identified and mitigated 20+ vulnerabilities, increasing system security
- Conducted code reviews and enforced testing protocols, reducing bugs by 90%

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 and AED Plus device for emergency response training.
- Link: https://github.com/AyomideAwonaya21/3004-Project-

Pet Finder Application | React, GeoAPIfy, Petfinder API
- Built a responsive web application to match users with adoptable pets based on personality quizzes and locations.
- Link: https://ayomideawonaya21.github.io/The-Ultimate-Personality-Pet-Finder/

Weather Dashboard | JavaScript, Open Weather API
- Developed a real time weather dashboard displaying forecasts based on user input
- Link: https://ayomideawonaya21.github.io/weather-dashboard/

Password Generator | JavaScript, HTML, CSS
- Designed a secure password generator with customizable options for complexity
- Link: https://ayomideawonaya21.github.io/password-generator/