

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++

Data Analysis: Excel (Advanced functions, Pivot Tables), Power BI, Tableau

Frontend: React, HTML5, CSS3, Next.js, MobX, Redux, Tailwind CSS, Storybook, Angular, Vue.js, Bootstrap

Backend & APIs: Node.js, Express, GraphQL, Prisma, Fast API, Flask, REST, JSON, XML

Databases: MySQL, PostgreSQL, MongoDB, Firebase

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

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

EXPERIENCE

Software Engineer Full-Stack

June 2024 – Present

Emraay Solutions, Toronto (Remote).

- Spearheaded the design, execution and maintenance of unit, system, and integration tests, employing tools like Jest and Vitest, which led to a 40% increase in software reliability and minimized critical bugs in production.
- Implemented high performance RESTful APIs using JSON and XML, improving response times by 25% and reducing server load for better scalability.
- Produced comprehensive system documentation, including program specifications, workflow diagrams and ERDs, which significantly improved the onboarding process for new developers and enhanced collaboration across teams.
- Collaborated with cross-functional teams to gather requirements, implement new features, and meet project milestones within budget and timelines

Front-End Developer(Freelance)

Oct 2024 – Present

Twikkie, Finchley, England (Remote)

- Contributed actively to the design and implementation of responsive, user-friendly front-end interfaces using React, enhancing the user experience for SMBs utilizing Twikkie's people management tools.
- Optimized application performance, reducing page load times by 30%, which contributed to improved platform
- Collaborated with back-end developers to integrate APIs, ensuring efficient data flow between the front end and business-critical systems
- Actively participated in transitioning legacy components to modern front-end technologies, improving code maintainability and aligning with industry best practices

Junior SAS Developer

May 2020 – April 2024

Capital Therapy Services, Ottawa

- Developed, maintained and optimized SAS programs for data analysis, reporting and health outcomes tracking across multiple allied health disciplines, improving report generation time by 50%
- Automated data extraction, cleansing and transformation pipelines, ensuring 99% data accuracy and compliance with healthcare privacy standards (PHIPA)
- Designed interactive dashboards and custom reports using SAS visual Analytics, empowering therapists and management to make data driven decisions for patient care plans
- Collaborated with cross functional teams including therapists, social workers and administrative staff to identify reporting needs and deliver actionable insights that improved patient outcomes and resource allocation
- Streamlined legacy reporting processes by introducing modular, reusable SAS macros and templates, reducing manual effort and cutting routine reporting hours by 40%

PROJECTS

Habitly Tracker | Java, Spring Boot, Angular, MySQL, JWT, AWS

- Developed a full stack habit tracking application that enables users to create, manage and monitor personal goals with intuitive dashboard and secure authentication
- Link: <https://github.com/AyomideAwonaya21/habitly-tracker>

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/>