Samuel Adelakun

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https://samuel-dev-rosy.vercel.app/

Personal website   LinkedIn QR code

Objectives

Full-Stack Web Developer seeking a full-time role in enterprise solutions and software development, with strengths in both front-end and back-end technologies.

Education

Babcock University, Ilishan-Remo, Lagos, Nigeria	Expected graduation July 2025
Bachelor of Science in Computer Science - Expected July 2025	GPA: 4.47/5.0

Projects

Gamified E-learning Platform for Programming Languages - https://code-craft-frontend.vercel.app/

- Developed an interactive platform teaching Python, Java, and JavaScript via gamified lessons across beginner, intermediate, and advanced levels
- Designed and implemented dynamic course structures with engaging user interfaces and scoring systems to boost learner motivation
- Created use-case diagrams, ER diagrams, and flowcharts to effectively model system architecture and user workflows
- Utilized a tech stack including HTML, CSS, JavaScript, React (frontend), Node.js (backend), and PostgreSQL for full-stack development

Database Management for 'Global Fast Foods

- Designed and implemented a normalized MySQL database schema for a fictional fast-food chain.
- Created multiple related tables, inserted sample data, and performed queries to answer complex business questions.
- Supported efficient data handling for sales tracking, menu item management, and customer feedback.
- Tech Stack: MySQL Workbench, SQL

Python Compiler and IDE Integration COSC 401 Final Year Project | Babcock University

- Designed and implemented a Python compiler integrated into a custom IDE built with Sublime Text on Ubuntu.
- Developed a linker to connect compiled code with appropriate libraries, ensuring a streamlined development workflow.
- Collaborated with a team to divide tasks including plugin development, code generation, and system optimization.
- Tech Stack: Python, Sublime Text, Ubuntu, Shell scripting

Experience

Freelance	Lagos, Nigeria
Software Developer	Oct 2021 - Present

- Built and maintained responsive websites and web applications for clients.
- Implemented front-end and back-end features using HTML, CSS, JavaScript, React, and Node.js, improving page load times by 30%
- Collaborated with cross-functional teams to deliver user-focused solutions, reducing client revision cycles by 40%

Aptech Computer Education	Lagos, Nigeria
Teaching Assistant	Jan 2024 - Sep 2024

- Provided hands-on guidance in advanced web design, supporting instruction for 20+ students through interactive learning
- Assisted students in **debugging code** and reinforcing core front-end and back-end development concepts
- Balanced mentorship with self-development in cutting-edge web technologies.

Belugabee	San Ramon, CA
E-commerce Platform Assistant	Jul 2023 - Aug 2023

- Improved website speed and SEO, resulting in a 25% boost in user engagement and enhanced overall user experience
- Supported product packaging and dispatch operations, contributing to on-time delivery rates of over 95%
- Aligned technical contributions with the company's social impact goals, reinforcing brand mission and community engagement

Skills

-Programming Languages: JavaScript, Python, C++   -Backend: Node.js, Django, Flask   -APIs: RESTful API creation and consumption
-Frontend: HTML, CSS, React, Angular   -Databases: MySQL, PostgreSQL   -Version Control: Git, GitHub
Other: Responsive Design, SDLC (Agile & Waterfall), Debugging and Query Optimization - Communication, Collaboration, Adaptability, Attention to Detail, Time Management

Volunteering Experience

Innovative Youth Society	Dec. 27, 2022

Volunteer

- Organized and coordinated participants to ensure smooth flow of activities, maintaining a structured and orderly environment.
- Recorded personal details, medical diagnoses, and prescriptions with accuracy and confidentiality, supporting efficient record-keeping processes.
- Maintained cleanliness and organization of the venue, ensuring a safe and welcoming space for attendees and healthcare providers.