Uwandu Daniel

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EDUCATION

University of Lagos

Degree: Bachelor of Science, Computer Engineering   Expected Jan 2026

PROFILE STATEMENT

Daniel is a hardworking and dedicated Computer Engineering undergraduate with a keen interest in backend development. Proficient in Node.js, MongoDB, C++, Python, Java, HTML, CSS, and JavaScript, as well as adept in React.js, he possesses a comprehensive skill set ideal for tackling backend challenges head-on.

EXPERIENCE

- Completed a comprehensive 4-month certification program in web design, refining skills in HTML, CSS, and design principles at New Horizons.
- Engineered and implemented an automated light switching system with motion detection, demonstrating proficiency in electronics and automation.

SKILLS

- Proficient in developing backend APIs and server-side rendered views using NestJs, Node.js and Express.js.
- Experienced in creating dynamic web interfaces with HTML, CSS, and JavaScript and React framework.
- Skilled in working with non-relational databases like MongoDB, utilizing frameworks like Mongoose for efficient data modelling and interaction.
- Capable of utilizing TypeORM for relational databases like PostgreSQL, ensuring seamless integration and data management.
- Familiar with templating engines Pug for server-side rendering.
- Familiar with C++ and Python for various programming tasks and projects.
- Knowledgeable in designing and implementing microservices, including service discovery, API gateways, and inter-service communication using REST and message brokers like RabbitMQ.
- Experienced with Docker for containerizing applications and deploying microservices, with familiarity in orchestrating them using Kubernetes.
- Proficient in optimizing Node.js applications for performance and implementing security best practices.
- Capable of writing unit, integration, and end-to-end tests using tools like Jest.

PROJECTS

- Developed a robust backend system utilizing Node.js, Express.js, and MongoDB for efficient data handling and management. Implemented RESTful APIs for seamless frontend-backend communication. Link to Backend Project.
- Designed and implemented a responsive landing page with HTML, CSS, and JavaScript, ensuring optimal user experience and interactivity. Link to Frontend Project.