

Samuel Sulai

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Summary

As a software engineer, I'm passionate about developing web and mobile platforms and creating engaging user experiences. I'm adept at understanding and delivering on clients' needs and requirements.

I'm experienced in using a range of technologies, including CSS, JavaScript, TypeScript, NodeJS(Express), ReactJS and NextJS, to build robust and scalable applications. Whether it's working on a small project or a large-scale system, I'm committed to delivering high-quality code that meets business objectives.

My approach to software engineering is collaborative and solutions-oriented. I enjoy working with cross-functional teams to understand complex problems and find innovative solutions that meet business needs. If you're looking for a dedicated and skilled software engineer to help take your projects to the next level, let's connect!

Experience

Codenovation | Abuja, Nigeria

Volunteer | 06/2017 - Present

Worked together with other passionate developer advocates with an innovative approach to solve social challenges, while closing the technology talent-gap across Africa, with more focus on children and the girl child.

SYTYCC | United Kingdom

Software Engineer | 01/2023 - 04/2023

- Collaborated with a team of 12+ developers in a software development project from conception to deployment phase. Incorporating the Software Development Life Cycle principles: Agile Scrum methodologies and team collaboration techniques were implemented towards the success of the project.
- Developed and launched a responsive, mobile-first web application using ReactJS and TailwindCSS, resulting in a 30% increase in user engagement and a 20% reduction in page load times.
- Joined a team of 6 developers in the design and development of a complex database migration platform using ReactJS, TailwindCSS & JAVA .delivering the project on-time and within budget, and earning high praise from stakeholders for the quality and functionality of the application.
- Designed and developed RESTful APIs using Node.js and Express, enabling secure and efficient communication between the front-end and the back-end, resulting in a more scalable and maintainable application architecture.
- Pair programming and code review sessions with team members with focus on clean and scalable codes.
- Optimized the performance of an existing web application by implementing code splitting, lazy loading, and other ReactJS and TailwindCSS best practices, resulting in a 50% improvement in page load times and a 25% reduction in server costs.
- Wrote a couple of APIs including authentications and payments validation.
- Responsible for integration of built front-end components with Backend APIs.
- Responsible for converting User Interface prototypes to front-end components and websites.
- Writing test instances and units for web applications before deployment into the real world.

Bitnine Global Inc | California, United States

Open Source Contributor | 08/2022 - 12/2022

- Technical research on graph visualization of data.
- Studied the mathematical concept of Graph theory, $G(V,E)$ for proper understanding of the project.
- Researched and made contribution to the Apache age-viewer project(Apache AGE Viewer is graph visualization tool, for Apache), a sub-project of the Apache AGE project.

ASIN5 Lab | Abuja, Federal Capital Territory

Software Engineer | 05/2021 - 05/2022

- Designed and developed a set of REST API endpoints for an e-commerce system using Node.js, Express & MongoDB enabling secure and efficient communication between the web application and the backend database.
- Integrated the payment gateway Paystack into the e-commerce system, allowing customers to easily and securely make payments for products and services, resulting in 3% increase in online sales.
- Provided ongoing support and maintenance for the REST API endpoints and Paystack integration, including bug fixes, updates, and security enhancements, resulting in high user satisfaction and retention.
- Performed Web site tests accorded to planned schedules, and after any Web site and product revision.

- Communicated with network personnel and Web site hosted agencies to address hardware and software issues affecting Web sites.

University of Abuja | Gwagwalada, Abuja

Software Development Intern | 04/2017 - 05/2021

- Developed and launched a secure and scalable electronic medical records (EMR) system for a university medical center, enabling clinic staffs to access and manage patient data more efficiently and effectively.
- Designed and implemented robust data security and privacy features, including encryption, user authentication, and audit logging, ensuring compliance with HIPAA and other regulatory requirements.
- Collaborated with medical professionals and administrators to gather requirements, design workflows, and customize the system to meet the specific needs of the university's medical center, resulting in high user adoption and satisfaction.
- Provided ongoing maintenance, support, and training to users of the system, ensuring its continued effectiveness and reliability, and earning high praise from medical center leadership for its impact on patient care and outcomes.
- Led the design and development of a digital library system using Invenio, an open-source framework for digital repositories, resulting in a highly customizable and scalable solution for managing and sharing scholarly content.
- Implemented advanced search and discovery features, including faceted search, full-text search, and citation analysis, improving user access to and discoverability of scholarly content, and earning high praise from researchers and librarians for the quality and comprehensiveness of the system.

Skills

Javascript, GIT, Agile, Node.js, Typescript, Next.js, MongoDB, React.js, GraphQL, MySQL, WordPress, Redux , Redux Toolkit, Redux Toolkit Query

Soft Skills

- Drive & initiative
- Leadership
- problem solving
- Team work
- Trustworthiness

Education

University of Abuja | Abuja, Nigeria

Computer Science | 06/2021

- GPA : Second Class
- Developed a Digital Library: Developed a digital library using Invenio, an open-source software platform for managing and sharing digital content as my undergraduate theses.
- Designed User Interfaces: Designed and implemented user interfaces for the digital library, including the homepage, search results page, and individual item pages.
- Presented Project Findings: Presented findings and results of the digital library project to academic and professional audiences, including a final presentation and/or paper.

Languages

English, French, Hausa

Referees

1. Nkenchor O - software engineer @Nigerian security printing and minting company.
2. Shola Akinrolie - program manager @Atlassian.
3. samuel osagie -principal system analyst @university of Abuja.

Links

- [Linkedin](#)
- [GitHub](#)