

JACOB OLUWASESAN ADEBAYO

Software Engineer

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PROFILE SUMMARY

I am a software engineer leveraging the versatility of programming languages and innovative concepts to build and deploy robust and high-performance products. I take pride in writing clean, efficient code that enhances the end-to-end security, efficiency, and maintainability of every project. With over 10 active products built and deployed in just over two years, I have proven expertise in building both web and mobile applications.

SKILLS

- **Languages:** HTML5, CSS3, JavaScript, Typescript, SQL, Python.
- **Frameworks:** Next.js, React, React Native, Node.js, Express.js, Django, Tailwind CSS.
- **Databases:** MongoDB, PostgreSQL, Supabase, Appwrite.
- **Tools:** Jest, Postman, Android Studio, Prisma, Figma, Slack, Trello.
- **Soft skills:** Teamwork, Communication, Analytical, project management.

EXPERIENCE

Software Engineer

June 2022 – Present

Qim Invest, (Remote, Nigeria)

- Collaborated with an in-house designer to build a new website, enhancing digital presence by implementing standard SEO practices, which boosted traffic by 30% and increased revenue by 10%.
- Developed high-performance RESTful APIs handling an average of 5,000 requests per minute, improving data retrieval speed and enhancing overall application responsiveness for end-users.
- Implemented effective and descriptive error handling procedures for failed server requests.
- Developed the company's first mobile application, ensuring a seamless user experience and functionality.
- Directed user testing sessions with 50+ participants, incorporated feedbacks to improve usability scores by 20%, aligning with user needs and expectations.
- Regular validation of data integrity and security protocols, reducing system failure by 65%.
- Engineered a code review system, improving both code quality and development time by 30%.

PROJECTS

- **CarePlus+ ([Link](#)):** A healthcare self-management system enabling users to schedule medical appointments and manage hospital visits.
 - It addresses issues of long wait times, avoid scheduling conflicts, and eliminate the need for rescheduling due to physician unavailability.
 - Technologies used: Next.js, Typescript, ShadCN, Tailwind CSS, Appwrite, Twilio, Sentry.
- **OneClick Finance ([Link](#)):** A modern app for managing financial transactions and budgets with instant access to multiple accounts from one platform.
 - This app resolves the problem of multiple financial apps installed on a single device.
 - Technologies used: Next.js, Typescript, ShadCN, Tailwind CSS, Chart.js, Appwrite, Plaid, Dwolla, Sentry.

EDUCATION

- Bachelor of Engineering, University of Ilorin, Nigeria.

August 2018