Boluwatife David

Full-Stack Software Engineer

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SUMMARY

Performance-driven Full Stack Engineer with over 3 years of experience architecting and scaling web applications that drive significant business growth. Spearheaded a complete digital transformation for an asset maintenance firm, increasing lead generation by 35% and boosting payment success rates by 15%. Proficient in the MERN stack, Next.js, and serverless backends to deliver high-velocity, user-centric solutions.

TECHNICAL SKILLS

Frontend: TypeScript, React, Next.js, Tailwind CSS, Framer Motion, Styled Components, Redux
Backend: Node.js, Express.js, RESTful API, Flask, Appwrite, Supabase
Databases: MongoDB, PostgreSQL, Firebase, UpStash
Tools & Platforms: Git, Docker, Google Cloud Platform, Vercel, Sentry, Jest, Twilio, Prisma, Github, Zod

EXPERIENCE

Senior Full-Stack Engineer
Jan. 2023 – Present

Adroit Integrated Services - it's a big bank with web, API and mobile applications.   *Lagos, Nigeria*

- Spearheaded a full-stack digital transformation, rebranding and upscaling the company from a local handyman service to a full-scale corporate asset maintenance provider.
- Engineered a new e-commerce platform ("Homely Vend) for appliances, directly contributing to a 35% increase in lead generation through enhanced site functionality.
- Optimized backend performance using Next.js, cutting server response times by 30% and improving overall application stability.
- Integrated a seamless Paystack payment gateway, boosting transaction success rates by 15% and directly increasing company revenue.

Contract Full-Stack Developer
Jan 2024 - Feb 2024

Elaff Homes   *Ghana, Remote*

- Architected a scalable real estate platform capable of managing over 10,000 property listings, featuring a full CRUD-enabled administrative system.
- Designed and implemented a CMS-style admin dashboard that streamlined the property upload process, slashing task completion time by 75% (from 20+ minutes to under 5).
- Leveraged Appwrite backend services to ensure a robust and scalable property management infrastructure.

Full-Stack Engineer
Sept 2022 - Jan 2023

AFSOEN   *Kwara, Remote*

- Co-developed a social media platform for content creators, engineered to support a waitlisted user base of 50,0,000+.
- Collaborated within a 7-member remote team using Agile methodologies to deliver core platform features and ensure rapid development cycles.

Frontend Engineer
Sept 2021 - Sept 2022

Swap Space   *Dubai, Remote*

- Developed and maintained highly responsive and dynamic user interfaces using React.js and Tailwind CSS, ensuring a seamless user experience across all devices.
- Established and enforced best practices for version control using Git, meticulously documenting project requirements to maintain code quality and team Alignment.

EDUCATION

Federal University of Agriculture, Abeokuta
Abeokuta, Nigeria

Bachelor of Science in Statistics, College of Physical Science   *2024 - 2027*

TECHNICAL PROJECTS

Quinox AI Platform – All-in-one AI SaaS
Live link

- Engineered a multimodal AI platform integrating leading models (Gemini, GPT-3.5, DALL-E) for diverse content generation (text, image, video, audio).

- Successfully migrated the payment system from stripe to Paystack, leading to a 35% increase in adoption among Nigerian users..

DocThud – Healthcare Booking Platform   **Live link**
- Developed a full-stack healthcare management system that reduced data entry errors by 60% through robust validation using Zod and React Hook Form.
- Integrated Twilio for automated SMS appointment reminders, cutting patient no-shows by 20%.

TrifED – SaaS EdTech Platform (_Work in Progress_**)**   **Live link**
- Designed the complete database schema from the ground up in Supabase Postgres and architected the system's logic to support a user generated content library, resource interactions, community groups, and profile management.
- Engineered 4 secure API routes and 7 Next.js server actions to manage all core functionalities, including user authentication, file uploads to Supabase Storage, and type-safe database operations with Prisma ORM.