

ADETUNJI SAMUEL

FULLSTACK ENGINEER

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I am a dedicated and results-driven full stack developer/engineer with **over 3 years of experience**, specialising in building responsive and scalable web applications, and finally adept at collaborating with cross-functional teams to deliver production-grade software solutions.

PROFESSIONAL WORK EXPERIENCE

Technophlix - India

Software Engineer Intern

July 2024 - October 2024

- I developed a responsive web application using React.js and TailwindCSS, improving user engagement by 30%.
- Collaborated with a team of 4 to implement a **RESTful API** using Node.js and Express as the framework, ensuring seamless data flow between the frontend and backend
- I personally refactored Python(**FAST API**) and optimized PostgreSQL queries, resulting in a 20% reduction in API response latency.
- Deployed applications on AWS S3 and EC2, ensuring scalability and 99.9% uptime, and sometimes used vercel for Nextjs projects deployment.

BuildonInc - Delaware US

April 2026 - till present

- Presently Architecting and implementing RESTful APIs using Python (FastAPI/Django) and PostgreSQL, optimizing database queries that reduces server response time by **60%**.
- Co-architected and developed the backend infrastructure for an application, collaborating closely with the engineering team to design a scalable and robust system, ensuring **efficient data flow** and architectural scalability alongside the development team.
- Integrated the **Golang API** endpoints into the frontend of yours sub application, ensuring a **very low latency**, resulting in a fast and responsive ui/ux experience for the users.
- I overhauled the obsolete legacy source code of a production application resulting in increased usability and **reduced run time performance** by 50%.

PERSONAL PROJECTS

Branded URL Shortener

2023 - 2024

- I built a custom URL shortening service using next.js and supabase, and it enables users to generate and manage branded links with custom domains.
- Implemented secure user authentication and seamlessly integrated Lemon Squeezy to handle subscription and payment processing.

PAAS(BYOC model)

- I am currently designing and developing a Bring-Your-Own-Cloud (BYOC) deployment platform, enabling users to orchestrate, provision, and monitor custom virtual private servers.
- I am engineering a high-performance, thread-safe REST API using Python and FastAPI, resolving concurrent SSL socket collisions through isolated database client dependency injection.
- Building a state-driven frontend dashboard using Next.js and Tailwind CSS, featuring a global context provider for dynamic workspace switching and Framer Motion for fluid, real-time UI interactions.

SKILL SETS(TECH STACK)

- **Frontend Development:** NextJs, React, Typescript, JavaScript, HTML, CSS, TailwindCSS
- **Backend Development:** Supabase, Nestjs, Nodejs, FASTAPI, Python, Golang(Gin), TypeORM, Expressjs, Prisma, MongoDB, Postgresql
- **Version Control:** Git
- **Engineering:** Apache Airflow, dbt (Core/Cloud), Docker, CI/CD, Github Actions