

Michael Oyedepo

Full Stack Software Engineer
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Professional Summary:

Accomplished Full Stack Software Engineer specializing in building scalable, high-performance backend systems and modern web applications. Proficient in the **MERN stack**, **Flask ecosystem**, and system design, with strong DevOps capabilities. Adept at leading teams, driving technical solutions, and transforming complex requirements into real business impact. Passionate about EdTech platforms, SaaS tools, and scalable backend architectures.

Technical Skills:

- **Languages:** Python (Flask), JavaScript (Node.js, Express.js, React.js), TypeScript, C
- **Databases:** MongoDB, MySQL, Redis
- **DevOps & Deployment:** Git, GitHub, GitHub Actions, Nginx, Linux CLI, Shell scripting, DigitalOcean
- **Tools:** Docker (learning), Trello, Slack, Discord, GitHub projects

Professional Experience:

Eduplug – EdTech Blog Platform

Full Stack Developer

Technologies: MongoDB, Express, React, Node.js (MERN), Redis

- Implemented RESTful APIs with JWT and role-based access, boosting user activity by 40%
- Integrated Redis caching, improving database query performance and reducing response time by 25%
- Led backend system optimization efforts, enhancing scalability and security
- Maintained detailed technical documentation for system architecture and API endpoints

Split-It – Expense Tracker App

Team Lead & Fullstack Engineer

Technologies: MERN stack

- Led a cross-functional team through sprints, ensuring on-time delivery of core features
- Architected and implemented expense splitting logic, real-time updates, and user invitation modules
- Mentored junior developers, improving team productivity and code quality

SubGuru – Data Purchasing & Bills App

Backend Engineer

Technologies: Node.js, Express, React, MongoDB, DigitalOcean

- Engineered payment integration and wallet systems for seamless user transactions
- Built robust transaction tracking and reporting features

Edukid – EdTech Learning Platform

Fullstack Developer

Technologies: Flask, Jinja2, Bootstrap, MySQL, Redis

- Architected and optimized backend architecture, achieving 20% faster server response times
- Implemented secure user authentication using Flask Login, enhancing data security by 35%
- Designed a dynamic UI for video streaming and content search, improving user engagement by 15%

Education:

- **ALX Software Engineering Program**

Specialization: Backend Development, Algorithms, Systems Engineering

Focus: Computer Science Fundamentals, Professional Software Development

- **Kwara State University, Nigeria**

Bachelor of Science in Biochemistry

Second Class Honors (Upper Division)

Current Focus & Learning:

- Deepening expertise in **TypeScript** and advanced **system design**
- Expanding **DevOps** knowledge: Docker, GitHub Actions, cloud deployment
- Exploring scalable architectures and **microservices patterns**

Additional Skills:

- Strong problem-solving and analytical skills
- Excellent communication and team collaboration abilities
- Commitment to clean, maintainable code and best practices
- Experience with agile and collaborative development workflows