Destiny Saturday

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Full Stack Software Engineer with DevOps Experience

Software engineer with 4+ years of experience building applications, crafting backends, and optimizing development workflows for high-pressure teams. Expert in full-stack coding, system design, and deployment, with a history of delivering solutions that work. Driven by clean code, tough challenges, and team success.

WORK EXPERIENCE

Freelance Software Engineer   04/2024 – Present

Self Employed

- Developed software solutions for clients across industries, including transportation (logistics tracking), education (learning platforms), e-commerce (storefronts), and AI-driven projects (RAG models and autonomous agents).

Backend Software Engineer   08/2024 – Present

EGlobalSphere

- Built an AI-driven license plate recognition system with top accuracy for Arabic plates, improving security and automating access controls for clients.
- Designed and developed the backend for Spherex, an NFC-based access management tool, enhancing user and guest tracking across organizational zones.
- Set up a CI/CD pipeline for Frappe ERPNext, reducing deployment time from 5 minutes to 30 seconds with no downtime, boosting team productivity and cutting costs.

DevOps & Backend Engineer   09/2024 – 11/2024

Fodista

- Developed a CI/CD pipeline for Fodista's web app and core packages, enabling over 200 restaurants in Africa to manage orders, inventory, and operations smoothly.
- Built an ERPNext application using Frappe for a petroleum company to track deliveries, sales, and invoices, improving service efficiency.
- Deployed a self-hosted Sentry instance for error tracking and performance monitoring, reducing downtime and speeding up issue resolution for Fodista.
- Automated deployments with Caprover, turning hours-long manual tasks into minutes, and recovered a critical WordPress site from scratch.

Full Stack Software Engineer   11/2023 – 04/2024

Digital Vision Technologies

- Led backend development for multiple projects, including Shippex (logistics), Dentafolio (dental management), Alwatnya, Altyseer, and Fodista (restaurant ops).

SKILLS & TECHNICAL INTEREST

- **Programming:** Python, JavaScript, TypeScript, C, Bash
- **Frameworks:** FastAPI, Django, Node.js, ExpressJS, Next.js, ReactJS, Flask
- **AI & Automation:** LangChain, LangGraph, RAG Systems, AI Agent Development
- **Databases & Storage:** PostgreSQL, MongoDB, Redis, PGVector, Cloudinary, S3, Minion
- **Cloud & Infrastructure:** AWS, Google Cloud, Docker, Nginx, Apache, Terraform
- **CI/CD & DevOps:** GitHub Actions, CircleCI, Caprover
- **Real-Time & APIs:** Socket.io, RESTful Design
- **Monitoring & Performance:** Sentry, Prometheus, Grafana, Datadog
- **Collaboration:** Git, GitHub, GitLab, Agile, Scrum

PROJECTS & LEADERSHIP

Amidarh - Software for all Schools

- Leading development of Amidarh, a Next.js and FastAPI-based system to simplify school administration, focusing on scalable design and user-friendly features for staff and students.

Backend.im - AI Powered Backend

- Co-built Backend.im that cuts backend development time by 70%, using AI to generate and deploy code for non-technical users.
- Managed multi-cluster Kubernetes setups to support diverse testing and production environments.

HNG11 and HNG12 Mentor

- Mentored over 1,500 DevOps engineers, accelerating their skill development from foundational to advanced proficiency through hands-on training in deploying projects such as Telex, Delve, TechiesMatch, Remote Bingo, Zuri Marketplace and many more.
- Enhanced expertise in Docker, Grafana, and Prometheus, built a GitHub Action for preview branch deployments, created a custom SSH tunneling alternative to Serveo.net, and established DORA metrics for performance analysis;

EDUCATION

Bachelor of Technology in Mechanical Engineering   2019 - 2024

Rivers State University, Rivers State, Nigeria