Destiny Saturday

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Full Stack Software and DevOps Engineer

Highly skilled DevOps Engineer with 3+ years of experience driving significant operational improvements and architecting robust cloud infrastructure for industry-leading organizations. Demonstrated expertise in automating complex deployment processes, optimizing system performance, and fostering collaborative environments to achieve unprecedented levels of efficiency and scalability.

WORK EXPERIENCE

DevOps & Backend Engineer   08/2024 – Present

EGlobalSphere

- Developed and deployed an AI-driven license plate recognition system with very high accuracy for Arabic plates, strengthening security and automating access controls across client organizations.
- Designed and built the backend for Spherex, an NFC-powered access management solution, regulating unauthorized access across zones in the organization and improving users and guest management.
- Engineered a CI/CD pipeline for Frappe ERPNext, cutting deployment time by 90% (from 5 minutes to 30 seconds) with zero downtime, saving greatly in operational costs while enhancing developer productivity.

DevOps & Backend Engineer   09/2024 – 11/2024

Fodista

- Designed and implemented a CI/CD pipeline for Fodista's core packages and web application, supporting over 200 restaurants across Africa with streamlined order, inventory, and operational management.
- Deployed and configured a self-hosted Sentry instance, providing advanced error tracking and performance monitoring that minimized downtime and accelerated incident resolution across all applications.
- Transformed application deployments by automating processes with Caprover, reducing multi-hour manual efforts to minutes, and successfully recovered a critical lost WordPress site. Deployed open-source applications, including Hoppscotch, Postiz, and Scalar, to enhance organization's operations.
- Developed an ERPNext application to manage service delivery for a petroleum company, encompassing delivery tracking, sales, and purchase invoice management.

Full Stack Software Engineer   11/2023 – 04/2024

Digital Vision Technologies

- Led backend development for multiple software solutions at Divic Technologies, including Shippex, Dentafolio, Alwatnya website, and Fodista.

SKILLS & TECHNICAL INTEREST

- CI/CD pipeline development and implementation
- Monitoring and logging (ELK Stack, Prometheus, Grafana)
- Continuous integration (Jenkins, TravisCI, CircleCI, GItHub Actions)
- Version control systems (Git, GitHub, Gitlab, BitBucket)Infrastructure as code (IaC) tools (Terraform, CloudFormation)
- Cloud computing platforms (AWS, Azure, GCP, Hetzner)
- Containerization and Orchestration (Docker, Kubernetes, Helms, Caprover)
- Configuration management (Ansible, Puppet, Chef)
- Programming languages (Python, Bash, Lua, Javascript)
- Agile methodologies (Scrum, Kanban)
- Setting up and Analyzing DevOps Metrics (DORA)

PROJECTS & LEADERSHIP

Amidarh - Software for all Schools

- Leading the development of Amidarh, a Next.js and FastAPI-based school management system. Spearheading the design of a scalable architecture to streamline administrative processes, enhance user experience, and empower schools to optimize operations and collaboration among stakeholders.

Backend.im - AI Powered Backend

- Co-developed Backend.im, an AI platform that accelerates backend creation, slashing development time by 70% and enabling seamless deployment for users with no coding expertise.
- Orchestrated multi-cluster Kubernetes deployments, managing diverse environments and sandboxes for running AI generated backend applications.

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 AI for Homework, Tifi-tv, Remote Bingo, and Telex.
- Enhanced expertise in Docker, Kubernetes, Grafana, and Prometheus; established DORA metrics for performance analysis; and developed a GitHub Action for preview deployments. Created an SSH tunneling alternative to Serveo.net.

EDUCATION

Bachelor of Technology in Mechanical Engineering   2019 - 2024
Rivers State University, Rivers State, Nigeria