

ADEDAMOLA DAUDA

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PROFILE SUMMARY

Backend & DevOps Engineer with proven experience designing, building, and operating a production SaaS platform end-to-end. Strong background in backend systems, serverless architectures, and cloud infrastructure, combined with hands-on DevOps expertise across Terraform, Kubernetes (AKS), CI/CD automation, and observability. Experienced in building multi-tenant, monetizable SaaS solutions, integrating Stripe billing, and deploying reliable systems on Azure and AWS.

TECHNICAL SKILLS

- **Backend & APIs:** Python, FastAPI, Flask, RESTful API design, Webhooks, Authentication & Authorization (RBAC)
- **Frontend (SaaS UI):** React, TypeScript, Vite
- **DevOps & Cloud:** Terraform (IaC, remote state, modules), Kubernetes (AKS), Docker, Docker Compose, GitHub Actions (CI/CD, OIDC), Azure (AKS, App Service, Functions, ACR, Monitor), AWS EC2, Linux (Ubuntu)
- **Billing & SaaS:** Stripe Checkout, Subscription Billing, Usage-based plans, Billing Webhooks
- **Monitoring & Observability:** Azure Monitor & Container Insights, Prometheus, Grafana, Loki, Promtail, Alertmanager
- **Storage & Data:** Azure Blob Storage, SQL, SQLite
- **Tools:** Git & GitHub, CI/CD pipelines, Technical documentation
- **Soft Skills:** Problem-solving, Analytical thinking, Ownership mindset, Clear documentation

WORK EXPERIENCE

Backend Software Engineer – Ordit Technologies Limited (OrditAI)

July 2023 – Present

- Developed core accounting infrastructure enabling automated generation of financial statements, ledgers, and trial balances.
- Built scalable subscription and billing systems supporting plan upgrades, invoicing, and payment automation.
- Implemented secure role-based access control (RBAC) across accounting and workspace modules.
- Collaborated with AI engineers to automate journal entry posting and workflow orchestration.
- Enhanced collaboration features for teams operating across multiple workspaces and organizations.
- Contributed to backend architecture decisions, system reliability, and performance improvements.

PROJECTS

Webhook Monitor — Production SaaS Platform

Azure Functions · React · TypeScript · Stripe · Firebase Auth

GitHub: <https://github.com/shareddee2776/webhook-monitor>

- Designed and built a production-ready SaaS platform for real-time webhook ingestion, monitoring, and analytics.
- Implemented a serverless backend using Azure Functions to securely receive, validate, and process webhook events at scale.
- Built a multi-tenant React dashboard for event inspection, filtering, alerting, and webhook endpoint management.

- Integrated Stripe Checkout and billing webhooks to enable subscription plans and usage-based monetization.
- Implemented Firebase Authentication for secure user sign-in and tenant isolation.
- Designed event persistence using Azure Blob Storage, with local fallback storage for development.
- Added webhook reliability features including deduplication, retries, API key management, and alert notifications.
- Deployed and tested the platform in a real live environment, validating production readiness and SaaS architecture.

Production-Grade AKS Deployment with Terraform & GitHub Actions

Azure · Terraform · Kubernetes (AKS) · Docker · GitHub Actions · Azure Monitor

GitHub: <https://github.com/sharedee2776/aks-terraform-azure-devops>

- Designed and deployed a production-ready Kubernetes platform on Azure using Terraform with modular IaC and remote state management.
- Provisioned Azure networking, AKS cluster, and Azure Container Registry (ACR) following cloud security and scalability best practices.
- Built and containerized a web application using Docker, enabling consistent deployments across environments.
- Implemented secure CI/CD pipelines with GitHub Actions using OIDC authentication, eliminating long-lived cloud credentials.
- Automated Docker image builds and pushes to ACR as part of the deployment pipeline.
- Deployed applications to AKS using Kubernetes manifests, exposing services via LoadBalancer.
- Enabled Azure Monitor and Container Insights to collect cluster metrics, container logs, and performance dashboards.
- Performed cluster validation, health checks, and troubleshooting using kubectl and Azure Portal.

Azure Blue–Green CI/CD Deployment Platform

FastAPI · Docker · GitHub Actions · Azure App Service (Linux)

GitHub: <https://github.com/sharedee2776/azure-blue-green-cicd>

- Designed and implemented a Blue–Green deployment strategy on Azure App Service to achieve zero-downtime releases.
- Built a GitHub Actions CI/CD pipeline to build Docker images, push them to Docker Hub, and deploy to Azure App Service.
- Configured deployment slots (staging and production) and automated traffic swapping after successful validation.
- Deployed a containerized FastAPI application on Linux App Service with environment-based configuration.
- Implemented health checks to verify application readiness before promoting releases.
- Managed Azure service principals, secrets, and environment variables securely.
- Gained hands-on experience debugging production deployments and rollbacks.

DevOps Monitoring & Deployment Pipeline

FastAPI · Docker · Prometheus · Grafana · Loki · AWS EC2

GitHub: <https://github.com/sharedee2776/devops-capstone-project>

- Containerized a FastAPI backend service and automated builds using GitHub Actions CI/CD pipelines.
- Deployed the application and a full observability stack on AWS EC2 using Docker Compose.
- Implemented Prometheus metrics scraping with FastAPI instrumentation for real-time monitoring.
- Designed Grafana dashboards to visualize application performance and system health.
- Integrated Loki and Promtail for centralized log aggregation and analysis.
- Configured Alertmanager with email notifications for uptime and performance thresholds.
- Managed AWS security groups, Linux firewall rules, and service reliability settings.

Global Weather & Air Quality Analytics Dashboard

Python · APIs · SQLite

GitHub: <https://github.com/sharedee2776/Global-Weather-Air-Quality-Analytics-Dashboard>

- Built a data ingestion pipeline aggregating weather and air-quality data from multiple external APIs.
- Designed and implemented a SQLite database schema for structured data storage and querying.
- Performed exploratory data analysis (EDA) to identify trends and data quality issues.
- Implemented API integration, asynchronous data fetching, and data normalization workflows.
- Prepared datasets for reporting and visualization.

CORE COMPETENCIES

Infrastructure as Code (Terraform) · Kubernetes & AKS · CI/CD Pipeline Design · SaaS Architecture · Stripe Billing · Serverless Systems · Cloud Deployment (Azure & AWS) · Containerization (Docker) · Observability & Monitoring · Linux Administration · Networking & Security Fundamentals · Technical Documentation

CERTIFICATIONS

- Introduction to Modern AI – Nov 21, 2025
- Python Essentials 1 – Nov 18, 2025
- Endpoint Security – Oct 29, 2025
- Networking Basics – Sep 19, 2022

LANGUAGES

English – High level

GDPR CONSENT

I hereby give consent for my personal data to be processed for recruitment purposes in accordance with Regulation (EU) 2016/679 (GDPR).