ABDULKADIR FADILAH

CLOUD SOLUTIONS ARCHITECT (AWS) | SITE RELIABILITY ENGINEER | BACKEND DEVELOPER

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PROFESSIONAL SUMMARY

Cloud Solutions Architect and SRE specializing in designing scalable AWS infrastructures, automating deployments, and improving system reliability. Proven track record of reducing operational overhead, optimizing cloud costs, and building fault-tolerant environments through IaC, CI/CD, monitoring, and performance engineering. Adept at backend API development with Django and delivering secure, production-grade cloud-native solutions.

EXPERIENCE

Cloud Solutions Architect & SRE   11/2024 - 05/2025
[GL Global] — Remote

- Designed and delivered secure, scalable AWS architectures across compute, storage, networking, and serverless components, improving system uptime and resilience by 30%.
- Automated cloud resource provisioning using Terraform, reducing manual configuration time by 80% and enabling environment consistency across projects.
- Built end-to-end CI/CD pipelines with GitHub Actions/Jenkins, increasing deployment speed by 60% and decreasing deployment-related failures by 35%.
- Implemented centralized logging and observability using CloudWatch, Prometheus, and Grafana, reducing MTTR by 40% and improving system visibility.
- Performed cost optimization by right-sizing EC2 instances, implementing S3 lifecycle policies, and leveraging RDS performance insights, cutting monthly cloud costs by 25%.
- Led incident response, root cause analysis, and post-incident remediation, improving operational reliability and reducing repeat incidents.
- Optimized backend performance for internal services using caching, query optimizations, and NGINX tuning.

Django Backend Developer   06/2025 - 11/2025
[Paritie Innovation Hub] — Remote/On-site

- Built and maintained high-performing REST APIs using Django REST Framework, supporting applications with thousands of daily users.
- Designed normalized database schemas and optimized SQL queries, improving API response times by 50%.
- Implemented secure authentication using JWT and role-based access control, reducing unauthorized access risks.
- Integrated AWS services including S3 (media storage), SES (email), and RDS (database) to improve application scalability and reliability.
- Containerized services using Docker and supported deployments on Kubernetes, enabling consistent multi-environment releases.
- Collaborated with frontend engineering teams to strengthen API usability and reduce integration time by 20%.

EDUCATION

                                                                        04/04/2025
Bachelor of Science: Food Science and Technology
Ibrahim Badamasi Babangida University
Grade: Second Class Upper Division

SKILLS

- Cloud & DevOps: AWS (EC2, S3, VPC, IAM, Lambda, RDS), Docker, Kubernetes, Terraform, GitHub Actions, Jenkins
- SRE & Reliability: Monitoring/Observability (CloudWatch, Prometheus, Grafana), Incident Response, MTTR Reduction, Capacity Planning
- Backend Engineering: Django, DRF, PostgreSQL, MySQL, API Design, Authentication/Authorization Tools & Technologies: Linux, Git, NGINX, Redis, Bash, Python, Networking and Load Balancing.

PROJECTS

Backend Projects

- LearnLog: Study tracking platform with daily analytics dashboards.
- Time Capsule Note App: Django platform for scheduled content release.
- OpenTrack: Full-featured issue tracking system with task management and bug reporting.
- DevShowcase: Developer portfolio hub for organizing and displaying projects.
- VoteBox: Real-time polling/voting platform with live updates.
- SkillForge Resume Builder: Automated resume generator with dynamic templates.
- BrainBolt: Flashcard-based learning system with spaced repetition.
- Budgetly: Personal finance and budgeting tool with analytics.
- Django Student Management System: End-to-end academic, records, and revenue management platform.

SRE Projects

- SysWatch: Real-time dashboard monitoring CPU, memory, processes, and network performance.
- Linux Command Cheat Sheet: Practical Linux reference for troubleshooting and administration.
- SRE Project Collection: Hands-on observability, alerting, automation, and incident response implementations.

AWS Projects

AWS Solutions Architect Labs: Designed VPC architectures, autoscaling, load balancing, IAM security, serverless workflows, and IaC templates with architecture diagrams.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- AWS Certified Cloud Practitioner– Associate
- IBM Cloud Computing Fundamentals– Associate
- Python and Django Framework – Udemy