

Abdelrazig Mohamed Sharif

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PROFESSIONAL SUMMARY

DevOps & Backend Engineer with hands-on production experience in backend engineering, cloud infrastructure, deployment automation, and Linux systems administration across AWS and Oracle Cloud Infrastructure (OCI). Experienced in designing REST APIs, managing production deployments, optimizing backend performance, implementing authentication systems, and supporting scalable cloud-native applications. Skilled in CI/CD workflows, infrastructure operations, cloud security, and delivering reliable backend services for AI-driven and enterprise environments.

EXPERIENCE

Backend Engineer & Infrastructure Engineer

2025 – Present

Kuwaiti Sudanese Holding Company (Remote)

- Developed and maintained backend services and full-stack applications using Strapi, Next.js, React, and NestJS for enterprise solutions.
- Architected and implemented scalable backend APIs and business logic services using NestJS for production applications.
- Led deployment automation and release management processes for production environments, ensuring application reliability and operational stability.
- Implemented enterprise backup integration solutions using Veeam and Oracle Cloud Infrastructure Object Storage.
- Provisioned and managed Linux-based virtual machines, supporting infrastructure administration and application hosting requirements.
- Contributed to enterprise network infrastructure initiatives including secure site-to-site VPN integration.

Backend Engineer (Freelance)

2024 – Present

Remote

- Designed and delivered backend services for AI-driven business platforms, implementing secure APIs, authentication workflows, and administrative system capabilities.
- Developed scalable backend modules for multi-service applications, supporting order processing, payment workflows, and business-critical operations.
- Owned backend deployment workflows and maintained production environment stability, ensuring reliable releases and operational continuity.
- Improved application efficiency and service responsiveness through backend workflow optimization and event-driven notification enhancements.
- Contributed to confidential AI platform development, supporting backend architecture implementation and production readiness initiatives.

Cloud Engineering Intern

Nov 2025 – Feb 2026

SimpleSA.ai (Remote)

- Designed AWS cloud infrastructure environments including compute services, IAM access controls, and secure networking configurations.
- Configured IAM roles, policies, and secure access permissions for engineering teams and cloud resources.
- Provisioned EC2-based environments for internal services, testing workloads, and application deployment support.
- Collaborated on infrastructure planning, deployment workflows, and cloud environment setup for hosted applications.

Software Engineering Intern

2023 Oct – Nov 2024

ALX Africa (Holberton Curriculum)

Remote

- Architected and deployed comprehensive full-stack web applications utilizing Python, Django, and MySQL, focusing on REST API design.
- Configured and administered Linux-based infrastructure (Ubuntu), setting up web servers with Nginx, configuring HAProxy for load balancing.
- Developed a custom UNIX command-line interpreter (Simple Shell) in C, demonstrating understanding of system calls and process management.
- Designed relational database schemas and optimized SQL queries to ensure efficient backend data processing.
- Collaborated in an Agile-driven software development environment, utilizing Git/GitHub workflows and rigorous peer code reviews.

TECHNICAL SKILLS

Cloud Infrastructure: AWS (EC2, S3, IAM, VPC), Oracle Cloud Infrastructure (OCI), cloud networking, cloud security

Infrastructure Operations: Linux administration, Nginx, PM2, systemd, Gunicorn, server provisioning, production environment management

Containers & Automation: Docker, Jenkins, CI/CD workflows, deployment automation

Infrastructure as Code: Terraform

Backend Engineering: Django, NestJS, Strapi, REST API development, authentication systems, backend optimization

Databases: SQL, ORM systems, relational schema design, query optimization

Frontend: Next.js, React

Storage & Backup: Veeam, Oracle Cloud Infrastructure Object Storage

Version Control: Git

EDUCATION

Bachelor of Electrical and Electronics Engineering 2025
University of Khartoum Sudan

CERTIFICATIONS

Oracle Cloud Infrastructure (OCI) Multicloud Architect Professional (2025)

Oracle Cloud Infrastructure (OCI) Certified Architect Associate (2025)

Oracle Cloud Infrastructure (OCI) AI Foundations Associate (2025)

Oracle Cloud Infrastructure (OCI) Certified Foundations Associate (2025)

PUBLICATIONS

- **Athar at QIAS2025: LLM-based Question Answering Systems for Islamic Inheritance and Classical Islamic Knowledge**
Noureldien et al., ArabicNLP 2025
aclanthology.org/2025.arabicnlp-sharedtasks.126/
Developed LLM-based QA approaches for domain-specific Arabic knowledge systems.
- **Zero-Shot and Fine-Tuned Evaluation of Generative LLMs for Arabic Word Sense Disambiguation**
Noureldien et al., ArabicNLP 2025
aclanthology.org/2025.arabicnlp-main.24/
Evaluated generative LLMs for semantic understanding and disambiguation in Arabic NLP tasks.