ISHAK OSMAN HANDULE
DevOps Engineer | Infrastructure & Automation

PROFESSIONAL SUMMARY

DevOps Engineer with 3+ years of hands-on experience managing mission-critical production systems in healthcare environments. Strong background in Linux server administration, automation, CI/CD, backup & disaster recovery, cloud infrastructure, and system hardening. Currently leading DevOps operations for Jijiga Referral Hospital's EHR system, supporting 175,000+ patient records with high availability and strict data protection requirements.

EDUCATION

BSC COMPUTER SC.
jijiga university, Ethiopia
2019 - 2024

DIPLOMA ITSS
Jijiga, Ethiopia
2017 - 2019

SKILLS

- Linux (Ubuntu) server administration
- Nginx, PM2, systemd
- CI/CD with GitHub Actions
- Bash scripting & cron automation
- Backup & disaster recovery pipelines
- n8n automation & monitoring
- Telegram-based alerting & notifications
- MySQL (production-scale)
- Automated encrypted backups
- TCP/IP, firewalls, server hardening
- Network troubleshooting
- CCNA-level networking knowledge (hands-on)
- VPS security & access control
- VPS & cloud server management
- High availability & failover setups

WORK EXPERIENCE

CODEMANO SOFTWARE DEVELOPMENT

Chief Technology Officer (CTO) — **2025 – Present**

- Lead the overall technical strategy, architecture, and infrastructure for a multi-tenant SaaS platform, overseeing backend, frontend, DevOps, and automation systems.
- Designed and implemented DevOps and AI-assisted operations using n8n for 24/7 server health monitoring, automated alerts, and safe service recovery.
- Built and maintained CI/CD pipelines with GitHub Actions, enabling reliable and automated deployments across production environments.

CELLUTECH INFORMATION TECH

Senior Full Stack Developer & DevOps Engineer — **2023 – Present**

- Developed and maintained a hospital-grade EHR system for Jijiga Referral Hospital, supporting 175,000+ patient records in a live production environment.
- Managed multi-server Linux infrastructure (local and cloud), including high-availability setups, automated backups, and disaster recovery pipelines.
- Implemented custom Bash automation, encrypted database backups, and real-time Telegram-based notifications, ensuring system reliability and rapid incident response.
- Resolved multiple critical production incidents, including disk failures, restoring full service with less than one hour downtime.

EXPERTISE

- Strong work ethic
- High-pressure incident handling
- Team collaboration & communication
- Ownership mindset

CONTACT

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REFERENCE

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