Alalfy Mansour

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PROFESSIONAL SUMMARY

Software Engineer with end-to-end ownership experience across backend, databases, Linux infrastructure, and production deployments. Solo technical owner of a production e-commerce platform serving 6,000+ monthly users. Comfortable debugging production systems, working across the stack, and quickly adapting to new technologies. Interested in systems engineering and solving practical problems at scale.

PROFESSIONAL EXPERIENCE

Dukana | **Junior Software Engineer (Solo Technical Owner)**
Sharqia, Egypt (Remote) | June 2025 – Present

- Owned the full lifecycle of a production e-commerce platform serving ~6,000 monthly users and processing ~1,300 orders/month.
- Designed backend services and data models supporting orders, payments, customers, and inventory at production scale.
- Built and maintained PostgreSQL schemas with query optimization and indexing for production workloads.
- Deployed and operated Linux VPS infrastructure (Nginx, SSL/TLS), handling server setup, security hardening, and monitoring.
- Implemented CI/CD pipelines across dev, staging, and production environments.
- Debugged production issues, improved backend performance, and reduced operational friction through internal tooling.
- Built internal systems for order tracking, fulfillment workflows, and inventory management.
- Integrated payment gateways using industry security best practices.

CERTIFICATIONS

Network Support and Security | Cisco Networking Academy | Aug 2025 | 120 hours

Huawei Network Communication | Huawei ICT Academy | Aug 2025 | 120 hours

McKinsey Forward Program | McKinsey & Company | Oct 2025

TECHNICAL SKILLS

Core Engineering: Linux • C++ • Python • SQL • Git • Bash

Backend & Systems: Backend Architecture • REST APIs • Production Debugging • Internal Tooling

Data & Databases: PostgreSQL • Data Modeling • Query Optimization • Indexing

Infrastructure & DevOps: VPS Deployment • Nginx • Docker • CI/CD Pipelines • SSL/TLS

Engineering Practices: End-to-End Ownership • Incident Handling • Performance Tuning

Problem Solving • System Thinking • Debugging Mindset

Professional Skills: Analytical Thinking • Clean Code • Documentation • Self-Learning

Product Awareness • Responsibility for Production Systems

Languages: Arabic (Native) • English (Fluent)

EDUCATION

B.Sc. Computer Science | Future Academy, Egypt | Expected 2026