

# Nizar Yousri Mahmoud Azmi

## Senior Infrastructure & DevOps Engineer

Cairo, Egypt | Open to Relocation (Europe & Gulf)

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### PROFESSIONAL SUMMARY

Senior Infrastructure & DevOps Engineer with 12+ years of experience operating, automating, and modernizing mission-critical enterprise environments. Strong background in Linux (RHEL), AIX, IBM Middleware (WebSphere ND, MQ, ACE/IIB), and Oracle platforms, evolved into automation-first DevOps operations using Ansible, AWX, Bash, and Python. Recognized for bridging deep system administration with DevOps practices to improve reliability, reduce manual effort, and deliver audit-ready operations.

### CORE SKILLS

**Operating Systems & Platforms:** Linux (RHEL), AIX, IBM i (AS400), Oracle Exadata, Hybrid Infrastructure

**Middleware & Applications:** IBM WebSphere ND, IBM MQ, IBM ACE/IIB, IBM HTTP Server, LDAP/SSO, JVM Tuning

**DevOps & Automation:** Ansible, AWX, Bash, Python, Deployment Automation, Configuration Drift Control

**Monitoring & Observability:** Grafana, Prometheus, Loki, Oracle Enterprise Manager (OEM), Alerting Automation

**Security & Compliance:** GDPR Remediation, Audit Automation, Vulnerability Management

### PROFESSIONAL EXPERIENCE

**IBM Consulting – Egypt** | Senior Infrastructure & DevOps Specialist | Mar 2015 – Present

- Designed and implemented automation-first operations using Ansible and AWX across Linux, AIX, Oracle, and WebSphere environments, reducing manual effort by ~70%.
- Built standardized deployment and rollback automation for WebSphere applications, improving release reliability and speed.
- Implemented real-time monitoring and alerting using Grafana, Prometheus, Loki, and Pushover, reducing incident response time by ~60%.
- Automated audit evidence collection including logs, database snapshots, and health checks for compliance and external audits.
- Led enterprise observability standardization and OEM naming conventions across multiple data centers.
- Provided senior-level operational support for Egypt National Post Office (ENPO) mission-critical systems.

**Mantrac Group – Egypt** | WebSphere Application Server Administrator | Sep 2012 – Jan 2015

- Installed, configured, and administered IBM WebSphere Application Server and IBM MQ in clustered and standalone environments.
- Performed JVM tuning, garbage collection analysis, and middleware performance optimization.
- Automated WebSphere operations and housekeeping tasks using shell scripting.
- Supported production incidents, upgrades, fix packs, and application deployments.

**IBM i (AS400) Systems Operator** | Sep 2012 – Jan 2015 (Parallel Role)

- Automated QSHELL operations and IFS cleanup.
- Managed users, objects, and MySQL replication.
- Supported JDBC integrations and cross-platform connectivity.

### EDUCATION

B.Sc. in Computer Science – Arab Academy for Science & Technology (AAST), 2011

## **CERTIFICATIONS**

Red Hat System Administration II (RH134) | Docker Essentials – IBM | Oracle Certified Professional | Oracle Certified Associate | IELTS – British Council

## **PORTFOLIO & PROJECTS**

Automation frameworks, observability dashboards, and detailed project documentation available at <https://www.nizaryousri.info>