Nizar Yousri Mahmoud Azmi

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LinkedIn: linkedin.com/in/nizaryousri | Open to relocation (Europe & Gulf)

Professional Summary

Senior IT Infrastructure & Automation Specialist with 12+ years of experience across large-scale enterprise environments, specializing in IBM Middleware, WebSphere, Linux, Oracle Exadata, and hybrid infrastructures. Proven track record in automation (Ansible, AWX, Bash, Python), real-time monitoring & alerting (Grafana, Prometheus, Pushover, OEM), and enterprise modernization. Recognized for delivering audit-ready automation frameworks, improving uptime, and driving cost and effort reduction across mission-critical systems.

Core Competencies

• Infrastructure & Cloud Ops: AIX, RHEL, Oracle Exadata, OCI

• Automation & DevOps: Ansible, AWX, Bash, Python, CI/CD pipelines

• Middleware & Applications: IBM WebSphere ND, IBM MQ, IBM ACE/IIB, IBM HTTP Server

• Observability & Monitoring: Grafana, Prometheus, Loki, Oracle OEM, Instana

• Real-Time Monitoring & Alerting: Pushover, Grafana Alerts, Oracle OEM, Audit Scripts

• Security & Compliance: GDPR remediation, LDAP/SSO, audit automation, vulnerability management

• Leadership: Mentoring, framework standardization, cross-platform modernization

Professional Experience

IBM Consulting – Egypt

Senior Infrastructure Specialist | Mar 2015 – Present

• Designed and implemented automation-first operations with Ansible + AWX for AIX, Linux, and Oracle workloads, reducing manual tasks by 70%.

• Developed EasyDeploy, a standardized deployment automation tool, cutting release times and minimizing human error.

• Delivered real-time monitoring & alerting using Grafana, Prometheus, and Pushover integrated with WebSphere, Oracle DB, and Linux systems, reducing incident response time by 60%.

• Created audit-ready log archival frameworks and monitoring scripts for Tietoevry audits (disk usage, blocking sessions, DB listeners).

• Defined and enforced Oracle OEM 24ai naming conventions to standardize observability across multiple data centers.

• Provided critical operations support for Egypt National Post Office (ENPO), including automation of WebSphere log archival and recovery, performance optimization for CMS database/E-Counter applications, and proactive recovery actions.

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

• Installed and administered WebSphere Application Server & IBM MQ across multiple platforms.

• Implemented cluster configurations (horizontal/vertical/hybrid) for high availability.

• Tuned JVMs, GC, and middleware components to optimize performance.

• Developed shell scripts to automate WAS operations and IFS cleanup.

IBM i Systems Operator (AS400)
Sep 2012 – Jan 2015 (parallel role at Mantrac)

• Automated QSHELL operations and database replication monitoring.

• Managed users, objects, and replication across MySQL and AS400.

Early Career (2011 – 2012)
• Software Developer at Mash Ltd and IRange Software Development Co (PHP, Java, MySQL).

• Internships at SIDPEC and ELNG, contributing to Oracle ERP, PHP, and database management.

Education
B.Sc. in Computer Science – Arab Academy for Science & Technology (AAST), 2011 (Project Grade: A)

Certifications

• Red Hat System Administration II (RH134) – Global Knowledge, 2015

• Docker Essentials: Extend Apps with Containers – IBM, 2018

• Oracle Certified Professional – AAST, 2011

• Oracle Certified Associate – AAST, 2010

• IELTS (British Council), 2016

Key Projects & Achievements

• ENPO Monitoring & Alerting Framework: Developed real-time monitoring scripts with Jython/wsadmin for JVM/DB health integrated with Pushover for instant notifications.

• Audit Automation: Built frameworks that automatically package system logs, DB snapshots, and monitoring data for compliance reporting.

• Observability Platform: Deployed centralized logging and metrics using Grafana Loki across 20+ servers.

• Cloud Adoption: Supported Oracle OCI CLI & EM CLI integration, enabling hybrid operations with Exadata Cloud@Customer.

Languages

Arabic: Native

English: Fluent

French: Fair

Personal Data

Date of Birth: 6 Dec 1987 | Nationality: Egyptian | Military Status: Exempted