

Mohamed Ayman Abdelbaset

Solutions Architect | DevOps and Cloud Infrastructure

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[LinkedIn](#) | [GitHub](#)

PROFILE

Solutions-focused infrastructure engineer with 10+ years across Linux and Unix, infrastructure automation, and enterprise cloud delivery. I combine hands-on product knowledge with solution design, customer guidance, and ownership of complex escalations. Strongest with Terraform, Ansible/AAP, Kubernetes, OpenShift, and Linux across AWS, Azure, GCP, and Oracle Cloud. Red Hat Certified Architect working toward a Solutions Architect path.

SELECTED IMPACT

- Architected and automated a multi-cloud Terraform Enterprise deployment approach across AWS, Azure, and GCP.
- Led on-premises to Oracle Cloud migrations across EMEA and introduced Terraform and Ansible into delivery workflows.
- Served as a technical authority for enterprise customers on Terraform Enterprise, Bitbucket, and Bamboo.
- Implemented Exadata, SuperCluster, PCA, and ZFSSA engineered systems for customers across the region.
- Maintained customer trust with an NPS above 85% in the current IBM role.

CORE SKILLS

Cloud platforms

AWS | Google Cloud | Microsoft Azure | Oracle Cloud Infrastructure

Infrastructure as code

Terraform | Terraform Enterprise | Ansible | AAP | Execution Environments | GitOps

Systems

RHEL | Linux | Solaris | AIX | HP-UX | TCP/IP | MPLS | Monitoring

Architecture and delivery

Multi-cloud design | Migration planning | Solution scoping | Customer enablement

Containers and delivery

Kubernetes | OpenShift | Docker | GitHub Actions | Bitbucket | Bamboo

EXPERIENCE

Senior Terraform Support Engineer - IBM

Oct 2025 - Present
Amsterdam

- Architected and automated multi-cloud Terraform Enterprise deployments across AWS, Azure, and GCP.
- Act as the primary technical authority for key enterprise clients on platform infrastructure and architecture.
- Advise on deployment design and operational best practice while keeping internal runbooks current.

Senior DevTools Support Engineer - Atlassian

Mar 2022 - Sep 2025
Amsterdam

- Owned complex, high-impact enterprise cases across Bitbucket and Bamboo as a dual-product engineer.
- Partnered with Tier 3 and Engineering on critical architectural issues and recurring product problems.
- Created training, internal documentation, and customer-facing knowledge articles; advised on CI/CD design.

Principal Technical Support Engineer - Dell RSA

Jan 2021 - Feb 2022
Cairo

- Owned highest-severity escalations, root-cause analysis, and preventive fixes end to end.
- Validated patches and features in lab, mentored engineers, and supported technical pre-sales work.

EXPERIENCE CONTINUED

Senior Delivery / Implementation Engineer - Oracle ACS

Nov 2017 - Dec 2020
Egypt

- Led on-premises to Oracle Cloud migrations from design through delivery across EMEA.
- Introduced Terraform, Ansible, and automation scripts into delivery workflows.
- Implemented Exadata, SuperCluster, PCA, and ZFSSA engineered systems.

Senior Systems Engineer - Vodafone Egypt

Aug 2014 - Nov 2017
Cairo

- Designed and operated highly available virtualized environments on Oracle T5 and IBM Power7.
- Led Unix-side delivery for billing, CRM, DR drills, upgrades, and online SAN migrations.
- Supported more than 200 servers in a 24x7 data center across RHEL, Solaris, and Exadata.

Linux System Administrator - 4GTSS

Mar 2013 - Aug 2014
Cairo

- Administered Number Portability systems across six countries using RHEL, Ubuntu, Fedora, CentOS, and Solaris.
- Worked across Django, Celery, RabbitMQ, and MySQL Galera.

Network Management Solutions Engineer - Orange

Jan 2012 - Mar 2013
Cairo

- Supported a multi-vendor site migration and a 12-site telecom interconnect over IP/MPLS and ATM networks.

SELECTED PROJECTS

- Containerized AAP 2.6 home lab: Built an all-in-one Proxmox-based environment for execution environments, controller workflows, and automation development.
- Engineering blog: Hugo site deployed through GitHub Actions and GitHub Pages for project case studies and practical DevOps notes.
- Public engineering board: Learning and project work tracked openly in GitHub Projects and seeded programmatically.

EDUCATION

MBA, Digital Transformation - ESLSCA, Paris | 2023

B.Sc., Electrical, Electronics and Communications Engineering - Arab Academy for Science and Technology | 2011

CERTIFICATIONS

Infrastructure as code and automation

- Red Hat Certified Specialist in Developing Automation with Ansible Automation Platform (EX374) - 2026
- HashiCorp Certified: Terraform Associate
- Red Hat Certified Specialist in Automation with Ansible

Red Hat and Linux

- Red Hat Certified Architect (RHCA)
- Red Hat Certified Engineer (RHCE)
- Red Hat Certified System Administrator
- Red Hat specialists: system monitoring and performance tuning; clustering and storage; server hardening; deployment and systems management

Virtualization, storage, networking, and service management

- VMware Certified Professional 6.5 - Data Center Virtualization
- Veritas Certified Storage Foundation for Unix 6.1 Administration
- Oracle Solaris 11 Advanced System Administrator
- CCNA | CCNA Security | ITIL v3 Foundation

Kubernetes, containers, and orchestration

- Red Hat Certified Specialist in OpenShift Administration
- Red Hat Certified Specialist in Containers and Kubernetes
- Docker Certified Associate

Cloud

- AWS Certified Solutions Architect - Associate
- Oracle Cloud Infrastructure Certified Associate Architect
- Oracle Cloud Infrastructure Cloud Operations Associate

Databases

- MongoDB Certified DBA Associate

LANGUAGES

English: Full professional | Dutch: Limited working

LINKS

blog.aymantech.net | github.com/moabdelbasset | [LinkedIn profile](#)