

# Bassem Ahmed Shawky

## Multi-Cloud & Disaster Recovery Architect

📍 Riyadh, Saudi Arabia | Egyptian

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## // PROFESSIONAL SUMMARY

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Certified OCI Architect Professional with 6+ years of hands-on experience designing and implementing secure, scalable cloud solutions across **Oracle Cloud Infrastructure (OCI)**, **Google Cloud (GCP)**, and **Azure**.

Proven track record in **cloud migrations**, **DR architecture**, **DevOps automation**, and **multi-cloud strategies**. Adept at leading technical teams, optimizing infrastructure costs, and ensuring compliance in industries.

## // KEY SKILLS & EXPERTISE

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- **Cloud Architecture:** OCI, Azure, GCP, Multi-region DR.
- **DevOps & IaC:** Terraform, CD3 Toolkit, Ansible, GitHub.
- **Networking:** VCN, DRG, RPC, LPG, VPN, Fast Connect, Load Balancer, Hub & Spoke.
- **Security:** IAM, WAF, Security Zones, Network Firewall, OCI Vault.
- **Storage:** Block Volume, Object Storage, FS.
- **DB:** MySQL Heatwave, Autonomous DB, Oracle DB Systems, Data Guard.
- **Containers & CI/CD:** OKE, Container Registry, CI/CD Pipelines.
- **Hybrid:** OCVS-software-defined data center (SDDC)
- **Monitoring:** Logging Analytics, Service Connector Hub, Budgeting Tools.

## // PROFESSIONAL EXPERIENCE

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### ➤ Sr. OCI Cloud Engineer – Confidential – Riyadh, KSA (08/2024 – Present)

**Project:** DR Implementation from OCI Jeddah to Riyadh.

- Follow RTO (Recovery Time Objective) and RPO (Recovery Point Objective), critical systems as per customer needs.
- Design OCI DR architecture, set up VCNs and subnets in the DR region mirroring the Primary region.
- Define DR infrastructure as code using Terraform/CD3 Toolkit.

- Configure IAM policies, Security Lists, NSGs, Palo Alto Firewall, and F5 LB.
- Provisions DRG and establishes RPC across the OCI regions.
- Configure DNS-based traffic steering and failover policies.
- Deploy standby instances and configure autoscaling.
- Automate scheduled block volume backups across regions.
- Migrate E-Business Suite from OCI using Cloud Manager.
- Automate alerts and monitor replication status with OCI Monitoring, Logging, and Alarms.
- Set up Notifications for automatic triggering during failover.
- Migrate OKE Clusters using full-stack disaster recovery.
- Designed and deployed CI/CD pipelines using GitHub Actions for automating OCI infrastructure builds via Terraform
- Reduced cloud costs by 30% through optimized OCI resource allocation
- Perform scheduled DR drills and simulate outages to verify recovery processes.
- Prepare detailed DR documentation and train operations staff.
- Enable OCI Audit service in DR regions for full traceability.
- Led a team of 3 junior engineers during DR implementation.

➤ **Sr. OCI Cloud Engineer – Confidential – Riyadh, KSA (08/2023 – 08/2024)**

**Project:** On-Premises DC Exit to OCI (Jeddah Region)

- Designed OCI Landing Zone (Hub & Spoke), VCN, DRG, Fast Connect.
- Migrated E-Business Suite, provisioned OKE Clusters.
- Defined IAM policies, NSGs, backups, and automation for infra and dBs.
- Delivered go-live with rollback strategies, system availability reached 99.98%.
- Get formal approval (sign-off) after the success criteria are met.
- Provided technical training to cross-functional teams on Terraform and OCI Security practices.

➤ **Sr. OCI Cloud Engineer – TDWL – Riyadh, KSA (02/2023 – 08/2023)**

**Project:** Hybrid to Full Cloud Migration

- Document all critical systems (trading engines, clearing systems, regulatory databases).
- Migrated mission-critical systems (trading, clearing) with 0 downtime
- Created 40+ IPSEC VPN tunnels, enabled 100% encryption
- Implemented multi-region OCI DR (Jeddah & Riyadh), IAM Federation
- Achieved full compliance with CMA & SAMA regulations
- Integrated OCI with SIEM, Cloud Guard, and performed audit sign-off
- Implementation of OCVS, use the vCenter to manage, deploy Virtual machines (VMs) in the SDDC.

## // CERTIFICATES

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- Oracle Cloud Certified **Architect Professional**
- Google Cloud Certified **GCP Professional**.
- Oracle Cloud Certified **Architect Associate**.
- Oracle Cloud Certified **DevOps Professional**.
- Oracle Cloud Certified **Multi-Cloud Associate**.
- Oracle Cloud Certified **Observability Professional**.
- Oracle Cloud Certified **MySQL Heatwave Associate**.
- Oracle Cloud Certified **Data Management Associate**.
- Microsoft Certified: **Azure Solutions Architect Expert**.
- Microsoft Certified System Administrator **MCSA**
- Microsoft Server Virtualization, **Hyper-V, and System Center**.

## // SOFT SKILLS

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- Strong communicator, team leader, and trainer.
- Conflict resolution via cross-team workshops.
- Weekly stakeholder engagement and reporting.
- Calm under pressure, always learning new technologies.

## // EDUCATION

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- B.Sc. in Information Systems (2005), Modern Academy

## // LANGUAGES

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- Arabic: Native
- English: Excellent