

MOHAMMAD ZIAD ABUSAA

Engineering Manager | Cloud Architect & Customer-Focused Solutions Leader

Engineering Manager and Cloud Architect with over 15 years of experience blending technical leadership, cloud engineering, and strong customer engagement. Skilled in driving cloud-native architecture, data platforms, and high-performing teams, with proven success in presales, solution delivery, and acting as a trusted advisor to clients and internal stakeholders. Passionate about enabling business value through innovative, reliable technology.

Personal Information

Email: abusaa_mz@hotmail.com

Location: Riyadh, Saudi Arabia

Nationality: Jordanian

Mobile number: +966548011440

Links: [Website](#) | [LinkedIn](#)

Residency: **Premium Iqama**

Languages: Arabic (Native), English (Professional)

Work Experience

ENGINEERING MANAGER | CLOUD ARCHITECT | SOLUTIONS LEADER May 2023 - Present
LUCID MOTORS | RIYADH

- Lead cloud-native architecture and reliability engineering for internal data platforms supporting connected vehicle telemetry and enterprise analytics.
- Partner with internal product, data, and security teams to align platform capabilities with strategic business goals.
- Act as trusted advisor to internal teams, providing guidance on deployment patterns, scalability, and cost optimization.
- Design scalable infrastructure using Kubernetes, Kafka, EMQ X, Airflow, and Spark across AWS and OCI.
- Develop Terraform modules and CI/CD pipelines managing 20+ environments, reducing provisioning time by 80%.
- Lead GitOps adoption with Argo CD on 25+ Kubernetes clusters, cutting deployment time and rollback incidents by 50%.

- Maintain 99.5%+ uptime and optimize cloud costs by 25–30%.
- Mentor 5 engineers, enhancing delivery efficiency and operational excellence.

PRINCIPAL DEVOPS ENGINEER | SOLUTIONS ENGINEERING LEAD
VISION BANK | RIYADH

Jan 2022 - May 2023

- Led cloud adoption and DevSecOps transformation initiatives, architecting scalable and secure infrastructure for banking applications.
- Worked directly with internal stakeholders to understand operational needs and provide customized cloud solutions.
- Drove GitOps implementation using Argo CD for 400+ applications, improving deployment reliability and speed.
- Integrated security scanning tools (SAST, SCA) into CI/CD pipelines, elevating product security and compliance.
- Collaborated with presales and cybersecurity teams to ensure solutions met customer requirements and regulatory standards.
- Automated infrastructure provisioning with Terraform, enabling rapid environment setup for customer pilots and demos.
- Established monitoring and alerting with Prometheus and Grafana, enhancing transparency and responsiveness to incidents.
- Trained and mentored new hires, fostering a customer-oriented DevOps culture.

PLATFORM LEAD | SOLUTIONS CONSULTANT
THIQAH BUSINESS SERVICES | RIYADH

Sep 2019 - Dec 2021

- Delivered cloud-native platform projects for government clients, leading requirements workshops and solution demos with stakeholders.
- Managed and mentored multiple technical teams while collaborating closely with customers to translate business needs into technology solutions.
- Spearheaded Kubernetes adoption and containerization across environments, enabling faster delivery and improved resource use.

- Provided architectural advisory and presales support, contributing to successful contract wins and project delivery.
- Implemented Agile and DevOps best practices to increase responsiveness to customer feedback and reduce delivery times.
- Developed backend APIs optimized for performance and scalability to meet customer demand.

SOLUTION ENGINEERING MANAGER
NETWAYS | RIYADH

Jan 2018 - Aug 2019

- Led cross-functional teams delivering enterprise-grade solutions to clients across finance, government, and private sectors.
- Owned product backlog and acted as the primary technical contact for key customers, managing expectations and providing demos and proposals.
- Engaged directly with clients including IT managers and C-level executives to gather requirements and design tailored solutions.
- Participated in presales activities including RFP responses, proof of concepts, and demos.
- Delivered customized .NET, SharePoint, CRM, and workflow solutions with high customer satisfaction.
- Acted as product owner and delivery lead using Agile/Scrum methodologies.

TECHNICAL TEAM LEADER
NETWAYS | RIYADH

Jan 2017 - Dec 2017

SENIOR SOLUTION DESIGNER
NETWAYS | RIYADH

Dec 2012 - Jan 2017

SOFTWARE ENGINEER
OGER SYSTEMS | RIYADH

Jan 2010 - Nov 2012

Published Courses

[Argo CD Essential Guide for End Users \(Udemy\)](#)

Skills

- **Customer Engagement & Presales:** Client workshops, solution demos, technical proposals, RFP participation.
- **Cloud & Containerization:** Kubernetes, Helm, Rancher, AWS, Oracle Cloud (OCI), Google Cloud
- **Data Platforms:** Kafka, Spark, Hive, Airflow, Trino
- **DevSecOps & GitOps:** Terraform, Argo CD, Vault, Prometheus, Grafana
- **Languages & Frameworks:** .NET Core (C#), Python, Go, Shell scripting, Angular
- **Microsoft Technologies:** SharePoint (Certified), Office 365, CRM, BizTalk
- **Leadership:** Team management, Agile methodologies, project management

Education

UNIVERSITY OF JORDAN
BACHELOR of COMPUTER SCIENCE

Jan 2005 - Dec 2009

Certificates

- AWS Certified Solutions Architect – Associate
- AWS Certified Cloud Practitioner
- Certified Kubernetes Administrator (CKA)
- Certified Kubernetes Security Specialist (CKS)
- Certified Kubernetes Application Developer (CKAD)
- Microsoft Certified: DevOps Engineer Expert
- Microsoft Certified: Azure Developer Associate
- Prometheus Certified Associate
- Google Cloud Digital Leader
- Additional Microsoft certifications in productivity and Office 365