

Mohammad Khaled Abu Mattar

DevOps Engineer · Solutions Architect

info@mkabumattar.com · +962 790 650 332 · Amman, Jordan
mkabumattar.com · linkedin.com/in/mkabumattar · github.com/mkabumattar

Professional Summary

DevOps Engineer and AWS-Certified Solutions Architect with 6+ years building automated, reliable platforms across large, regulated cloud estates. I run multi-cloud infrastructure across AWS, Huawei Cloud, and Hetzner: 15+ AWS accounts and 20+ microservices serving 1M+ users, held to 99.999% uptime, a 96% security posture, and PCI-DSS/SOC2 compliance. My day-to-day is Infrastructure as Code (Terraform), Kubernetes, and GitOps, with a track record of cutting infrastructure cost by 20% and deployment time by 60% without trading away reliability.

Experience

Cloud & DevOps Manager

Jeddah, KSA · Amman, Jordan

Motory · Full-time

Mar 2026 to Present

- **Platform & Multi-Cloud Leadership:** Own cloud strategy and platform engineering across AWS, Huawei Cloud, and Hetzner for an automotive marketplace serving 1M+ users; lead the DevOps team while staying ~70% hands-on with architecture and code.
- **Infrastructure as Code & GitOps:** Moved infrastructure to 100% Terraform with GitOps via ArgoCD and Helm, making every deployment consistent and auditable.
- **Modernization:** Led the monolith-to-microservices shift for 1M+ users, authoring a multi-runtime Helm chart that standardized scaling, probes, and networking across all services.
- **Custom Tooling & CI/CD:** Built a Go Kubernetes operator for bespoke provisioning integrated into Helm/ArgoCD delivery; Jenkins + ArgoCD pipelines with a private OCI registry and Kong gateway improved deployment speed by 60%.
- **Reliability, Cost & Security:** Achieved 99.999% uptime with automated cross-region DR (Ansible, Huawei SDK) and a Prometheus/Grafana/Loki stack; cut infrastructure cost 20% while meeting PCI-DSS and SOC2 (Keycloak, WAF/VPN, KMS).
- **Team Leadership:** Lead the DevOps team and platform roadmap, run internal Kubernetes and Docker training for product teams, and own vendor relationships and overall cloud strategy.

Assistant Manager DevOps Engineer

Amman, Jordan

Jordan Ahli Bank · Full-time

Oct 2024 to Feb 2026

- **Platform Governance:** Platform Owner for the bank's cloud ecosystem: 15+ AWS accounts and 20+ production microservices, focused on high availability, disaster recovery, and fintech workload optimization in a regulated environment.
- **Infrastructure as Code & GitOps:** Standardized deployments with Terraform and GitOps (ArgoCD via Atlantis) for consistent, repeatable releases; managed autoscaling and resource optimization for production workloads.
- **Security & Compliance:** Reached a 96% security posture across all accounts via IAM Identity Center, AWS Organizations, and PCI-DSS controls (CloudTrail, AWS Config, Security Hub).
- **Automated CI/CD:** Orchestrated end-to-end delivery pipelines with AWS CodePipeline and GitHub Actions, automating testing and security scanning from development through production.
- **Release Engineering:** Led weekly zero-downtime releases and hotfix strategies with rollback and go/no-go decision frameworks across dev, QA, and production.
- **Production Support & Monitoring:** Supported production microservices through centralized monitoring (Prometheus, Grafana, CloudWatch), incident response workflows, and long-term platform roadmap planning.

DevOps Engineer

Amman, Jordan

cirrusgo (AWS Partner) · Full-time

Mar 2023 to Sep 2024

- **Solution Architecture:** Architected AWS hybrid and on-premises solutions for 8+ enterprise clients including fintech; designed microservices, event-driven, and serverless architectures and cut cloud costs 25% to 40% through right-sizing and reserved instances.
- **IaC Foundation & Standards:** Built foundational Terraform/Terragrunt patterns and multi-account AWS Organizations setups, plus reusable modules and Python/JavaScript libraries for infrastructure automation and DevOps documentation standards.
- **Container Platforms:** Managed containerized workloads across ECS, Fargate, and EKS spanning dev, UAT, and prod, deploying with GitOps practices and hardened container images.
- **CI/CD & Compliance:** Implemented secure pipelines (GitHub Actions, CodePipeline/CodeBuild) with canary deployments, automated testing, and security scanning across multi-region and on-premises environments.

Software Engineer, Microservices

Nagarro · Contract

Remote

Feb 2022 to May 2022

- **Fintech Microservices:** Built secure, scalable Spring Boot microservices with PostgreSQL for financial transaction processing across the full SDLC.
- **Full-Stack Development:** Developed Angular front-end components and resolved production bugs and performance issues to improve system stability.
- **Technical Documentation:** Authored detailed technical documentation to support long-term maintainability and knowledge transfer across teams.

Full Stack Developer

Freelance

Amman, Jordan · Remote

Jan 2020 to Feb 2023

- **Client Consultations:** Ran end-to-end client consultations to align requirements and solutions, managing timelines, deliverables, and expectations through delivery.
- **Backend & Fintech:** Designed and built Spring Boot microservices with PostgreSQL for fintech clients, integrating databases for reliable data persistence.
- **Responsive Web:** Built responsive React, HTML, and CSS interfaces focused on user experience and performance.

Certifications

AWS Certified Developer, Associate, Amazon Web Services

Issued Feb 2024, expires Feb 2027

AWS Certified Cloud Practitioner, Amazon Web Services

Issued Oct 2023, expires Feb 2027

AWS Academy Graduate, Cloud Foundations, Amazon Web Services

Nov 2022

Advanced Software Development, Code Fellows

Sep 2021

Technical Skills

- **Cloud & IaC:** AWS (EC2, EKS, ECS, Fargate, S3, RDS, IAM, VPC, Organizations, IAM Identity Center, Lambda, CloudFormation, CloudWatch), Well-Architected Framework, multi-region HA/DR; Terraform, Terragrunt, Atlantis; Linux administration; working knowledge of Azure and OCI.
- **Containers & Orchestration:** Docker, Kubernetes (EKS), ECS/Fargate, Helm, ArgoCD (GitOps), custom operators, multi-environment workload management.
- **CI/CD & Automation:** GitHub Actions, AWS CodePipeline/CodeBuild, Jenkins, GitLab CI; blue-green and canary deployments, automated testing, and multi-environment promotion.
- **Security & DevSecOps:** PCI-DSS, SOC2, CIS Benchmark, NIST; Trivy, Vault, Secrets Manager, KMS, IAM least privilege, CloudTrail, AWS Config, Security Hub.
- **Observability:** Prometheus, Grafana, Loki, CloudWatch, ELK Stack; dashboards, centralized logging, alerting, and incident response.
- **Languages & Data:** Python, Bash, PowerShell, JavaScript/TypeScript, Java, Go; Spring Boot, Node.js, React; PostgreSQL, MySQL, MongoDB, DynamoDB, S3.
- **Release Engineering:** Release calendars, go/no-go decisions, hotfix management, rollback strategies, versioning, and cross-team coordination.

Education

Bachelor of Software Engineering

Isra University

Amman, Jordan

Oct 2014 to June 2018

Achievements: First place in the individual project at the annual Technology Day contest; contributed to founding and growing the Faculty of Information Technology Club.

Open Source Projects

- **QuenchWorks: 0-CVE Hardened Images & Helm Charts** (quench-works.com): A from-scratch, security-first replacement for the Bitnami catalog: container images and Helm charts built entirely from source on Wolfi, hardened under a strict 0-CVE build gate, cryptographically signed, and pinned by digest. *apko, melange, Wolfi, Helm, Kubernetes*.
- **sysdesign: System Design Knowledge for AI Agents** (sysdesign.mkabumattar.com): A Claude Code plugin that wires tradeoff-first system design knowledge into an AI agent: one skill, eleven commands, and fourteen self-contained reference files, MIT-licensed and fully offline. *Claude Code, Markdown, Python, Mermaid*.
- **Rawi: AI CLI Documentation Tool** (rawi.mkabumattar.com): AI that reads a command-line app and writes structured, multi-format documentation for it; published on npm. *TypeScript, Node.js*.
- **NetCalc Pro: Cloud Engineering Suite** (netcalc-pro.mkabumattar.com): Zero-backend subnetting, CIDR, and VLSM toolkit with shareable state and IaC export (Terraform HCL, JSON). *Astro, TypeScript*.
- **igntui: .gitignore Generator TUI** (github.com/MKAbuMattar/igntui): A fast terminal UI that builds .gitignore files from 571+ gitignore.io templates, with fuzzy search and live preview. *Python*.