

Contact

8327952013 (Mobile)
phaqqani@gmail.com

www.linkedin.com/in/haqqani
(LinkedIn)
www.hammadhaqqani.com/
(Personal)
hammadhaqqani.com/projects
(Portfolio)
github.com/hammadhaqqani
(Portfolio)

Top Skills

Cursor AI
ai ops
Cloud Development

Languages

English (Native or Bilingual)

Certifications

Microsoft Certified: Azure
Fundamentals
AWS Certified Solutions Architect -
Professional 2019

Honors-Awards

TechXcellence Award

Publications

Open Source Projects AWS account-
automation
Open Source Projects Terraform
AWS

Hammad Haqqani

Senior DevOps Technical Lead | AI-Native Platform Engineering |
AIOps/LLMOps | Solutions Architecture
Los Angeles Metropolitan Area

Summary

Cloud & DevOps leader (10+ years) focused on AI-native cloud infrastructure, platform engineering, and AIOps/LLMOps across AWS, Azure, and hybrid environments. Certified AWS + Azure architect with production experience across Windows/Linux.

I build CI/CD + GitOps pipelines, IaC (Terraform/Ansible), Kubernetes platform foundations, and golden paths with policy-as-code and shift-left security (SAST/DAST, IaC scanning, SBOMs). I use Claude Code and LLM-assisted workflows for accelerated delivery, automated refactoring, infra code generation, and higher-quality reviews.

Operationally, I drive semantic observability, intelligent alerting, event-driven automation, and autonomous remediation to reduce toil and improve reliability. I implement RAG-driven runbooks, AI-assisted on-call, and knowledge automation to improve incident response and reduce MTTR. I also apply FinOps for cost governance, optimization, and unit economics aligning performance, resilience (RPO/RTO), and spend to business value.

Projects: <https://github.com/hammadhaqqani>

Also visit: <https://hammadhaqqani.com>

Experience

Mr. Cooper
Senior DevOps Technical Lead
June 2019 - Present (6 years 9 months)
Los Angeles Metropolitan Area

* Lead DevOps strategy and delivery with an AI-augmented approach, mentoring engineers on integrating LLM copilots (Claude Code/Codex-style workflows) into day-to-day infrastructure engineering and release practices.

- * Architect and operate end-to-end deployment pipelines that combine technical and business assurance with automated guardrails, enabling faster, safer promotion from development to production.
- * Build “intelligent infrastructure” patterns: self-healing automation using telemetry-driven triggers (alarms/events) and serverless remediation workflows to reduce MTTR and improve reliability.
- * Develop reusable Terraform modules and Ansible playbooks for standardized lifecycle management, with AI-assisted code generation/review to improve consistency and speed at scale.
- * Design and support hybrid cloud architecture across AWS and Azure, enabling platform integration and migrations while improving DevOps maturity for multiple teams.
- * Advance AIOps & observability by consolidating audit logging and telemetry, identifying security/incident patterns, and improving alert quality and operational response through intelligent automation.
- * Drive FinOps optimization and cloud cost analytics—right-sizing platforms and aligning spend to business outcomes, including resilience targets (RPO/ RTO) and continuity planning.
- * Implement least-privilege access and cloud governance controls (custom roles, policy guardrails), integrating with enterprise identity/network/security/ incident-response processes.
- * Build and productionize container platforms (Docker/Kubernetes) and modern delivery patterns (GitOps-style workflows) to standardize multi-environment operations and deployments.
- * Deliver proofs of concept and full lifecycle solutions for cloud architectures, automation frameworks, and reliability improvements across multiple product team

AH.Pegasus

DevOps Consultant

January 2019 - Present (7 years 2 months)

United States

We provide DevOps consulting services.

Capital One

Senior Devops Engineer

February 2017 - June 2019 (2 years 5 months)

Dallas/Fort Worth Area

- As a Sr Devops engineer I work to support the needs of Shared Tech as Capital one pursues architectural direction migrating more towards cloud deployments.
- Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed
- Create and maintain fully automated CI/CD pipelines for code deployment using Jenkins and Spinnaker.
- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling
- Ansible installation and maintenance for infrastructure automation. Developed playbooks ruby shell scripts for build and deployment and configuration release process.
- Wrote Ansible scripts to automatically update system components, saving 60% admin time.
- Used Docker and Vagrant for managing development environments through creation of Linux virtual containers.
- Worked with Terraform key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation.
- Configured and helped setup ELK stack for application monitoring need as a better alternative from Splunk.
- Participate in the DevOps process and provide production support for the vast portfolio of shared tech capabilities.
- Supporting complex troubleshooting efforts across various technologies and services of Cloud applications.
- Recognizing and implementing automation opportunities enabling production support activities and self-healing.
- Focusing on efficient use of CICD processes and tools for AWS cloud migration with special attention to characteristics like reuse, scalability, resilience and performance of the migration solutions.
- Constantly sharing best practices and improving processes across other LOBs, Tech Ops and other engineers.

Accenture Federal Services

Software Engineer

August 2016 - February 2017 (7 months)

Washington D.C. Metro Area

- Provide functional testing capabilities within an agile environment using SCRUM of complex features of application developed using Pega systems.
- Interface with Product Owner, stakeholders, Scrum Master and Developers to fully understand user story requirements and testing needs.
- Create and execute test cases that validate the acceptance criteria of each user story and support the team's definition of done, support Jr. Testers.
- Understanding of Pega development studio.
- Using tools Selenium, HP ALM, Pega and Red mine

U.S. Department of Veterans Affairs Contractor

AWS Architect Devops Engineer

May 2014 - July 2016 (2 years 3 months)

Houston, Texas Area

- Manage and created development and test environments on AWS cloud which included creating (Application servers , provisioning databases and migrating existing applications).
- Created and developed AWS architecture for review by developers and management.
- Served as a SME for AWS across organization.
- Automated, executed, and validated regression, release, and installation tests for various software products.
- Created automated test case using Telerik test studio, coded UI Microsoft test manger.
- Knowledge of SOAP UI, Web Services, e-commerce applications, and Jmeter.
- Proactively anticipate end-user scenarios and issues.
- Experience using SQL queries for manipulating data from database and testing database integrity, consistency.
- Interfaced regularly with peers and management regarding test related topics including the coordination of test related initiatives with QA Test Leads, Project Managers, Development Managers, and other QA Core team members.
- Participated in all phases of the IT Project Delivery Framework, including review of complex business and functional requirement
- Scope workload.
- Created detailed test schedules and track and report status to ensure on-time delivery of final test results.

- Created virtual testing environments using Amazon web services, Citrix Xen Server and VMware esxi 5.0 Hypervisor.
- Worked closely development team dependencies and deadlines.
- Worked proactively with development team and coworkers to ensure completeness and accuracy of test scenarios.
- Worked on Microsoft test manager to ensure all test scripts had visibility across the department.
- Handled administration of virtual server OS to Windows server 2008/2012 platforms for testing environments.

Hewlett-Packard

Test Engineer

July 2010 - August 2013 (3 years 2 months)

- Work both independently, and in a team with leads and Technicians in testing process.
- Collecting and analyzing data related to the manufacturing process
- Maintain related documentation, and propagate changes throughout the testing systems
- Ability to come up with innovative solution for the problems faced during testing process.
- Troubleshoot hardware software issues.
- Work on products such as, HP Blade series G5, G6, G7, G8, (C7000 and C3000). HP Proliant series, SL, DL, ML, SE.
- Performed performance and integration testing on different server solutions.
- Configure and troubleshoot switches such as Cisco, Quanta, Procurve, SAS, VC, Fiber, Brocade, Ethernet, and KVM.
- Configure server racks to customer specifications using point-to-point connection, Windows Remote Desktop, RDP servers, Putty, hyper terminal, Cluster test, Wiring check, SV and telnet.
- Configure EVA HP Storage Works, UPS, Onboard Administrator, Blades, and integrated ILO blades
- Install software such as, Windows, Linux (Red Hat, Ubuntu), UNIX, Java enterprise edition, Java, Java script, Oracle, SQL server, MS.
- Performed root cause analysis and communicated with product and systems engineer to resolve hardware software issues.
- Performed different operations on SharePoint for example like purchasing material through inventory
- Created SIM (System Integration Manuals)
- Responsible for parts purchasing and inventory control through SharePoint
- Responsible for transaction in SAP

Education

University of Houston-Downtown

Bachelor of Business Administration (B.B.A.), Computer and Information Systems · (2010 - 2015)

Cypress Ridge High School

High School Diploma, Computer Science · (2007 - 2010)