

Muhammad Asim

Lead Site Reliability Engineer & DevOps/DevSecOps Specialist

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Portfolio: ch-muhammad-asim.github.io | YouTube: @devopsgang

Dear Hiring Manager,

I am writing to express my interest in the Site Reliability Engineer position at your organization. With over a decade of hands-on experience building and maintaining enterprise-scale distributed systems across AWS, GCP, and Azure, I bring a data-driven approach to reliability, performance, and operational excellence backed by strong platform engineering and DevSecOps fundamentals.

In my current role as Lead SRE at Permission.ai, a Web3 advertising platform on the Polygon blockchain, I built the entire GCP infrastructure from scratch using Terraform/Terragrunt, deploying GKE private clusters with Istio Ambient Mesh for zero-trust mTLS. I implemented Cloud Armor WAF for Layer 7 protection, configured GCloud Auth Proxy for secure PostgreSQL 17 connectivity, and engineered AI-powered GitHub PR review pipelines using Anthropic Claude Sonnet 4.6 via Google Vertex AI for automated CVE scanning and code quality analysis. I also built secure CI/CD with distroless container images and established Apple IPA and Android APK build/signing pipelines for mobile app distribution.

What differentiates me is a consistent record of measurable, cross-company impact. At CloudShape INC, a multi-cloud DevSecOps consultancy, I improved service availability to 99.9% SLA and established SLO/SLI frameworks with error budgets for 20+ microservices. At Gettr USA Inc., I maintained a global social media platform with 6M+ users across 192 countries, reducing average incident resolution time from 4 hours to 45 minutes and building unified observability across Prometheus, Datadog, and Sentry. At OpsWorks Co., an AWS Advanced Tier Partner, I served enterprise clients including Vodafone, and at Arbisoft I supported the edX/MIT/Stanford e-learning ecosystem. I also built on-premises to AWS cloud migration involving Windows Server Administration and Active Directory on AWS.

Beyond engineering, I invest heavily in community and team growth. I maintain 110+ open-source repositories, have Arctic Code Vault Contributor recognition, and have created 300+ tutorial videos on my DevOpsGang YouTube channel. My certifications - AWS Solutions Architect Professional and Certified Kubernetes Administrator (CKA) - complement real-world experience managing mission-critical distributed systems, from financial trading platforms handling 50K+ concurrent sessions to high-traffic social media infrastructure.

You can also view my updated portfolio at ch-muhammad-asim.github.io and my updated GitHub profile at github.com/ch-muhammad-asim.

I would welcome the opportunity to discuss how my skills in site reliability engineering, platform engineering, and cloud automation can contribute to your team's success. Thank you for your consideration.

Sincerely,

Muhammad Asim