

AASIM MALIK

Delhi Remote / Open to relocation | aasimmalik29@gmail.com | +91 9176462019 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Cloud and Site Reliability Engineer with strong hands-on experience managing Linux systems, container orchestration, and automation in public cloud environments. Proven expertise in monitoring, performance tuning, and driving operational reliability for business-critical workloads. Passionate about SRE principles, automation, root cause analysis, and continuous improvement within globally distributed teams.

TECHNICAL SKILLS

Cloud Platforms: Google Cloud Platform (GCP), Oracle Cloud Infrastructure, AWS, Azure

Cloud Services: Compute Engine, Cloud Storage, Cloud SQL, BigQuery, Cloud Functions, Pub/Sub, Cloud Run

Infrastructure as Code: Terraform, Google Cloud Deployment Manager, Ansible

Containerization & CI/CD: Docker, Kubernetes, Google Kubernetes Engine (GKE), GitHub Actions, Cloud Build, Jenkins

Security & Compliance: IAM, VPC Service Controls, Data Encryption, Cloud Security Command Center

Networking: VPC, Cloud Load Balancing, Cloud CDN, Cloud Interconnect, Cloud DNS

Databases: Cloud SQL, Cloud Spanner, Firestore, Bigtable, BigQuery

Monitoring & Analytics: Cloud Monitoring, Cloud Logging, Error Reporting, Cloud Trace, Prometheus, Grafana

Programming/Scripting: Python, Bash

PROFESSIONAL EXPERIENCE

Software Engineer

Sept 2025 - Present

Associate Software Engineer

Jul 2023 – Aug 2025

Accenture

Bengaluru, Karnataka

- **Architected** multi-region GCP infrastructure with **99.9%** uptime using Terraform and CI/CD pipelines for automated deployments.
- **Reduced** cloud costs by **15%** through instance right-sizing, autoscaling, and resource scheduling policies.
- **Improved** incident response by **25%** by implementing Cloud Monitoring, custom alerting, and log-based error detection.
- Managed Cloud SQL and Firestore databases to ensure **high availability**, backups, and optimal query performance.
- **Enforced** cloud security best practices using IAM policies, VPC Service Controls, and at-rest/in-transit encryption.
- Collaborated with cross-functional teams to troubleshoot production issues and **minimize** service disruptions.

Linux Subject Matter Expert (Intern)

May 2022 – Jun 2022

Growth Central VC

Chennai, Tamil Nadu

- **Administered** Linux infrastructure for high availability, security, and performance across **30+ servers**, supporting business-critical operations.
- **Automated** routine system management tasks with shell scripts, improving team efficiency, and reducing manual intervention by **25%**.
- **Configured** and maintained Linux OS (Ubuntu, CentOS), performing timely patching and repository management to ensure **100%** security compliance.

PROJECT EXPERIENCE

Cloud-Based RAG Application with Llama Index

Apr 2024 - May 2024

- Built a **production-ready** Retrieval-Augmented Generation (RAG) application using Cloud Run, Cloud Storage, and Vertex AI.
- Designed **serverless architecture** with automatic scaling for efficient workload management; utilized Cloud IAM for secure API authentication and authorization.
- **Optimized** cloud resource usage for minimal costs while maintaining high performance; implemented monitoring with Cloud Monitoring.

CERTIFICATIONS

Professional Cloud Architect - **Google** | Associate Cloud Engineer – **Google** | GitHub Copilot - **GitHub** |

Oracle Cloud Infrastructure Generative AI - **Oracle** | 120-1085-23 Oracle Cloud Infrastructure 2023 - **Oracle** | Cybersecurity Essentials - **Cisco**

EDUCATION

B.E Computer Science and Engineering

May 2023

St. Joseph's College of Engineering

Chennai, Tamil Nadu