

AASIM MALIK

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PROFESSIONAL SUMMARY

Google Cloud Certified Professional Cloud Architect with expertise in designing and implementing scalable, secure cloud solutions. Skilled in GCP services, cloud architecture, and infrastructure optimization. Proven track record of reducing cloud costs by 15%, improving system reliability by 40%, and implementing secure, compliant cloud environments. Passionate about leveraging cloud-native technologies to drive business transformation and innovation.

TECHNICAL SKILLS

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

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

Infrastructure as Code: Terraform, Google Cloud Deployment Manager

Containerization: Docker, Kubernetes, Google Kubernetes Engine (GKE)

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

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

Database Systems: Cloud SQL, Cloud Spanner, Firestore, Bigtable, BigQuery

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

Scripting & Programming: Python, Bash

PROFESSIONAL EXPERIENCE

Associate Software Engineer

Accenture | Bengaluru, Karnataka | Jul 2023 - Present

- Architected multi-region GCP environments with 99.9% uptime, implementing infrastructure as code using Terraform for consistent, repeatable deployments
- Designed and implemented cloud-native solutions using GCP services including Compute Engine, Cloud Storage, Cloud SQL, and Pub/Sub
- Reduced cloud infrastructure costs by 15% through resource optimization, right-sizing, and implementing automated scaling policies
- Implemented comprehensive monitoring solutions using Google Cloud Monitoring, reducing MTTR by 25% through improved observability
- Managed high-availability database services on GCP including Cloud SQL and Firestore, ensuring data integrity and performance optimization
- Established security best practices including IAM role-based access control, VPC Service Controls, and encryption for data at rest and in transit

Sr Devops Engineer

Code Kloud Engineer (Platform) | Remote | Jan 2023 - Jul 2023

- Designed and implemented cloud-native architectures on GCP, improving scalability and reducing operational costs by 20%
- Migrated on-premises applications to Google Cloud Platform, resulting in 35% cost savings and 40% improved performance
- Implemented disaster recovery solutions with automated failover capabilities, reducing recovery time objectives (RTO) from hours to minutes
- Designed secure cloud networking architectures using VPC, Cloud Load Balancing, and Cloud Interconnect for enterprise applications
- Optimized BigQuery data warehousing solutions, reducing query times by 45% and storage costs by 30%

Devops Engineer

Kode Cloud Engineer (Platform) | Remote | Feb 2022 - Dec 2022

- Orchestrated migration of legacy infrastructure to Google Cloud Platform, reducing operational costs by 40% and enhancing system scalability
- Implemented serverless architectures using Cloud Functions and Cloud Run, reducing infrastructure management overhead by 60%
- Designed and deployed data analytics pipelines using BigQuery, Dataflow, and Data Studio, enabling real-time business insights
- Created CI/CD pipelines for cloud-native applications, reducing deployment time by 50% and improving release reliability

PROJECT EXPERIENCE

Cloud-Based RAG Application with Llama Index

Apr 2024 - May 2024

- Built a production-ready RAG application using Google Cloud Run, Cloud Storage, and Vertex AI
- Implemented serverless architecture with automatic scaling to handle variable workloads efficiently
- Designed secure API endpoints with Cloud IAM authentication and authorization
- Optimized cloud resource usage to minimize costs while maintaining high performance
- Utilized Google Cloud Monitoring for comprehensive application observability

Secure Cloud Data Platform

Dec 2022 - Feb 2023

- Architected a secure data platform on GCP using BigQuery, Cloud Storage, and Data Catalog
- Implemented column-level security and data masking for sensitive information
- Designed data pipelines using Cloud Dataflow for efficient ETL processes
- Created comprehensive data governance framework compliant with industry regulations
- Reduced data processing costs by 35% through query optimization and storage tiering

Multi-Region Cloud Infrastructure — IBM

Jul 2022 - Nov 2022

- Designed and implemented a multi-region cloud architecture for high availability
- Created disaster recovery procedures with RPO/RTO targets aligned to business requirements
- Implemented global load balancing and CDN for optimized content delivery
- Established monitoring and alerting across regions with centralized logging
- Achieved 99.99% uptime for critical business applications

CERTIFICATIONS

- Professional Cloud Architect — Google
- Associate Cloud Engineer — Google
- GitHub Copilot - GitHub
- Oracle Cloud Infrastructure Generative AI — Oracle
- 1Z0-1085-23 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