**Yogesh Mapari**

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**PROFILE**

Detail-oriented and results-driven Cloud Developer with 2 years of hands-on experience specializing in Google Cloud Platform (GCP), Python programming, and SQL expertise. Adept at architecting, developing, and deploying secure and scalable cloud-based solutions that leverage GCP's robust suite of services. Proven track record of collaborating with cross-functional teams to deliver comprehensive applications while integrating security best practices and compliance standards. Possess a strong commitment to maintaining data integrity, implementing secure coding practices, and staying updated with the latest industry trends. Skilled in cloud architecture, data processing, and incident response.

**TECHNICAL SKILLS**

* **GCP Services**:Deployed applications on GCP using Compute Engine, App Engine, Kubernetes Engine, Cloud Storage, Cloud SQL, BigQuery, Pub/Sub, Dataflow, Cloud Functions, and Cloud IAM.
* **Infrastructure as Code (IaC):**Implemented IaC using Terraform or Deployment Manager for consistent infrastructure deployments.
* **Automation and Scripting:**Developed Python scripts for automating tasks and managing GCP resources.
* **Database Expertise:**Designed and maintained relational databases on Cloud SQL and utilized NoSQL databases like Firestore and Bigtable.
* **Data Processing and Analysis**:Implemented data processing pipelines using Apache Beam and Cloud Dataflow. Conducted data analysis with BigQuery and SQL.
* **Networking:**Configured GCP networking components, VPCs, firewalls, and networking services. Implemented Cloud Load Balancing and CDN services.
* **Security:**Enforced security best practices, IAM setup, and collaborated on incident response for security measures.
* **Monitoring and Logging:**Set up monitoring and logging using Stackdriver, creating customized alerts and dashboards.
* **CI/CD:**Implemented and maintained CI/CD pipelines using Jenkins, GitLab CI, or Cloud Build.
* **Collaboration:**Worked collaboratively in cross-functional teams, communicating effectively and using Git for version control.

**EXPERIENCE**

**System Engineer** | Infosys Pune, IN Oct 2021 – Oct 2023

Project:-METRO Germany

* Designed, developed, and deployed scalable GCP applications using Compute Engine, App Engine, and Kubernetes Engine.
* Utilized GCP tools like Cloud Storage, Pub/Sub, and Cloud Functions for efficient cloud solutions.
* Implemented secure Python data processing pipelines, maintaining GCP data integrity.
* Created ETL processes for data transformation into BigQuery while ensuring security compliance.
* . Collaborated with cross-functional teams to deliver comprehensive and secure solutions.
* Contributed to cloud architecture discussions, integrating security controls and standards.
* Conducted security assessments, vulnerability scanning, and risk mitigation.
* Implemented least privilege access controls, enhancing application security.

**Senior System Engineer**  | Infosys Pune, IN Oct 2023 – present

Project:-METRO Germany

* Infrastructure Setup:Designed and implemented scalable infrastructure on GCP for multiple projects.
* Database Management:Led implementation and management of relational databases on Cloud SQL. Evaluated and selected NoSQL solutions.
* Data Processing and Analysis:Spearheaded development and deployment of data processing pipelines using Cloud Dataflow and Apache Beam.
* Automation and Scripting:Implemented Python scripts for automating tasks and applied Infrastructure as Code principles.
* Security Implementation:Implemented security best practices, conducted audits, and collaborated on incident response.
* CI/CD Implementation:Established and maintained CI/CD pipelines, integrating automated testing, building, and deployment processes.
* Monitoring and Logging:Implemented comprehensive monitoring and logging solutions, responding to incidents promptly.
* Maintained detailed documentation of infrastructure and deployment processes.
* Collaboration:Collaborated effectively with development teams, providing infrastructure support aligned with project requirements.

**CERTIFICATIONS**

* GCP Associate Cloud Engineer
* Certified Ethical Hacker (CEH)
* Infosys Certified Associate/Advanced Python Developer
* Databases and SQL for Data Science with Python

**EDUCATION**

**NIT Andhra Pradesh**  Augest 2017 – May 2021

Bachelors of Technology in Mechanical Engineering Andhra Pradesh, IN

Languages: English(proficient), Hindi,Marathi

**ACTIVITIES & INTERESTS**

swimming, investing, electronics, coding ,product design