

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

Bachelors of Technology in Mechanical Engineering
Languages: English(proficient), Hindi,Marathi

August 2017 – May 2021
Andhra Pradesh, IN

ACTIVITIES & INTERESTS

swimming, investing, electronics, coding ,product design