Rajyalaxmi Bommali
Senior Software Engineer

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India

Diligent Professional with 5 years of experience and knowledge of GCP cloud services, Data engineering and DevOps.

WORK EXPERIENCE

Senior Software Engineer
HSBC Software Development (India) Pvt Ltd

08/2021 - Present
Achievements/Tasks

- Experience in GCP Dataflow, Airflow, Dataproc, Compute Engine, Cloud storage, Bigquery, Pubsub and Cloud SQL.
- Automated provision of various GCP resources with encryption enabled and workspace setup with sensitive data masking, Flyway, infrastructure setup for Airflow using shell scripts, Jenkins and Terraform.
- Established CICD pipelines for artefact deployment using Jenkins with active integration of code quality checks like Checkmarx, Sonarqube, Sonatype-IQ scans.
- Production maintenance and support- GCP infrastructure and compliance upgrade/updates like VM and image creation, service account key refresh, Dataflow template updates, Airflow maintenance and setup, Secrets, GCS and Bigquery automation.
- IAM role management- least privilege, Cloud SQL SSL enablement and testing.
- Enabled Alerting and monitoring on resources for health checks and provided notifications for better management of incidents.
- Setup data pipelines for External data consumption and movement to Cloud services like Bigquery and Cloud SQL scheduled using Airflow. Migrated Hadoop jobs to GCP using Dataproc and setup clusters with cloud SQL.

Software Engineer
HSBC Software Development (India) Pvt Ltd

07/2018 - 07/2021
Achievements/Tasks

- Designed solutions, analysed different source systems like transactional, customer data to move from mainframes to GCP cloud data platform in real time mode.
- Established batch mode data pipelines in cloud Dataflow with transformations performed on the ingested data from GCS , PubSub to cloud SQL/ BQ.
- Created NiFi flows to consume data from Kafka topics and ingest to GCP from On-prem.
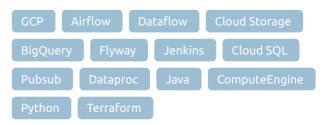- Setting up, monitoring and maintenance of IBM CDC for subscriptions.

EDUCATION

BE Electrical and Electronics Engineering
ANITS - AP, India

05/2014 - 04/2018

Business Analytics - Certification
Upgrad

01/2022 - 04/2022

SKILLS

GCP · Airflow · Dataflow · Cloud Storage · BigQuery · Flyway · Jenkins · Cloud SQL · Pubsub · Dataproc · Java · ComputeEngine · Python · Terraform

ACHIEVEMENTS

Process Improvement & Productivity
With NO existing deployment patterns and automation in place, setup the entire infra of the Project and established quality pipelines from scratch by upskilling in DevOps within a short span. Improved productivity and saved time by 50-60%

Quality & Incident Management
Developed secured jobs or pipelines alligned with data security and minimised incidents by 75%

Cost Reduction
Enabled Alerting and Monitoring on resource usage and extracted them to BigQuery for reviewing patterns.

ADDITIONAL SKILLS

Business Analytics
- Business Problem Solving
- Statistics and EDA
- Predictive Analysis (using Excel)
- Tableau

CERTIFICATE/TRAININGS

Coursera Cloud Engineer Professional

Coursera Specialization on GKE

Cloud Hero - Bigquery

Cloud Hero - GKE

Super-30, Hoogle

HSBC DataScience Bootcamp

LANGUAGES

English
Full Professional Proficiency

Hindi
Professional Working Proficiency

Telugu
Limited Working Proficiency