

TEJAS BARATE

Cloud Engineer (Lead), Tudip Technologies (November, 2017 - Present)

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PROFILE SUMMARY

Professional cloud architect with leading experience and through understanding of cloud architecture and Google technology, with ability to design, develop, and manage robust, secure, scalable, highly available, and dynamic solutions to drive business objectives. Proficient in all aspects of enterprise cloud strategy, solution design, and architectural best practices.

PROJECTS

Qwiklabs - Activity Tracking

Google Cloud Platform, Ruby

November, 2017 - Present

- Develop activity tracking algorithms for the labs to track user activity on the Google Cloud Platform. User activities are tracked using various Google client APIs related to GCP services and assessed accordingly.
- Develop shell scripts to implement GCP services through CLI and test the objectives of the lab.

Qwiklabs - Lab Development (Team lead)

Google Cloud Platform, Python, Ruby

November, 2018 - Present

- Qwiklabs provides lab learning environments that help developers and IT professionals get hands-on experience working with leading cloud platforms and software. Users are provided with temporary credentials to Google Cloud Platform, so that they learn the cloud using the real thing – no simulations.
- Develop hands-on lab, which is an online learning environment along with a set of instructions to walk users through a live, real world, and scenario-based use case related to various services of Google Cloud Platform.
- Develop deployment manager that specifies all the resources needed for the lab. This also includes developing and using templates within deployment manager to parameterize the configuration and allow reuse of common deployment paradigms.

Qwiklabs - Training Events Capacity Operations (Team lead)

Google Cloud Platform, BigQuery, SQL

June, 2020 - Present

- Determine overall cloud capacity required for events across the globe.
- Strategic planning of capacity by monitoring cloud capacity fluctuations and changing levels of demand, to efficiently utilize the available capacity.

Gridcamp (Team lead)

Google Cloud Platform, Docker, Google Kubernetes Engine

January, 2021 - Present

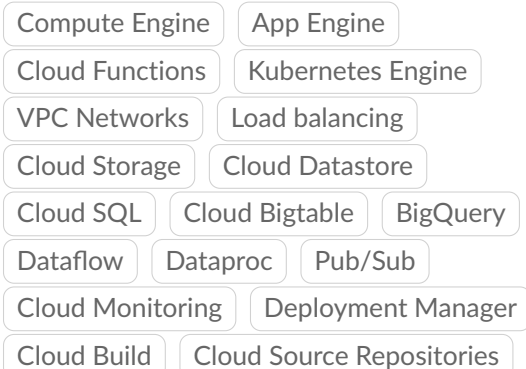
- Developed a CI/CD pipeline using Cloud Build and Google Kubernetes Engine to automate the build and deploy process, driven continuously by a running configured sequence of operations everytime a software change is checked into the source code management repository.
- Automated the build and deploy process through the CI/CD pipeline for Development, Testing and Production environments.

CERTIFICATIONS

- Google Cloud certified Professional Cloud Architect
- Java Fundamentals by Oracle Academy
- Java Programming by Oracle Academy
- Database Design and Programming with SQL by Oracle Academy

SKILLS

GCP Services



Language



Data Exploration and Business Intelligence



Version Control Tool



EDUCATION

BTech in Information Technology

Geethanjali College of Engineering and Technology

2013 - 2017

Hyderabad, India

PERSONAL INFORMATION

- Date of birth:** 19 December, 1995.
- Nationality:** Indian
- Languages:** English, Hindi, Marathi, Telugu, and German
- Permanent Address:** HNo. 12-11-1222/A/1, Boudhanagar, Hyderabad - 500061.