

KOLLA T GANESH KUMAR

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EDUCATION

- Sreenidhi Institute of Science and Technology** Hyderabad, India
Bachelor of Technology - Electronics and Communication Eng.; GPA: 8.48 Aug 2018 - June 2022

SKILLS SUMMARY

- Languages** Python, JavaScript, Java, SQL, HTML, CSS
- Frameworks** Flask, Angular, Node.js, SpringBoot
- Tools** MySQL, Firebase, Firestore, Visual Studio, Tableau, GIT, GitHub
- Version Control** Git, Github
- Cloud** GCP
- DevOps** Kubernetes, Docker, Terraform

EXPERIENCE

- NCR** Hyderabad
Software Quality Engineer- I July 2023 - Present
 - Led a project to build a chatbot using OpenAI and Flask framework, tailored to answer queries related to NCR's NextGen retail solution. Implemented natural language processing (NLP) algorithms to interpret user queries and provide accurate responses.
 - Developed test automation scripts for NCR's NextGen retail solution using Playwright and JavaScript, ensuring the reliability and efficiency of the software.
 - Designed and implemented API automation scripts in JavaScript with Postman, streamlining the testing process and improving code quality.
 - Contributed to the establishment of a robust CI/CD pipeline for automation tests, leveraging GitHub Actions and Jenkins, resulting in faster delivery cycles and improved software quality.
 - Played a key role in deployment processes using Google Cloud Platform (GCP) and Kubernetes, ensuring smooth and reliable releases of software updates.
- SpringML** Hyderabad
Associate Data Engineer July 2022 - June 2023
 - Contributed to backend development using the Flask framework, creating APIs to retrieve and store data from BigQuery and Firestore, and developing automated analysis components for improved efficiency in application monitoring.
 - Involved in the development of a tool for JAVA application migration, responsible for creating assessment reports to facilitate the migration process and developing components for automatic analysis of JAVA applications, streamlining the assessment process and enhancing accuracy.
 - Developed and maintained a real-time data pipeline using Cloud Data Fusion, facilitating the continuous replication of changed data from an Oracle database to a BigQuery dataset for analysis and reporting purposes.
 - Managed the configuration and deployment of customer applications on Equinix BareMetal infrastructure, containerizing applications and ensuring efficient resource utilization and scalability.
 - Implemented policy constraints and configurations for Anthos clusters, ensuring compliance and security across the infrastructure, and configured Anthos config management components for seamless management.
- SpringML** Hyderabad
Consultant Data Engineer March 2022 - July 2022
 - Proficiently utilized a variety of Google Cloud services including Dialogflow, Dataflow, App Engine, Cloud Run, Cloud Composer, and more. Demonstrated expertise by earning certifications as an Associate Cloud Engineer and Professional DevOps Engineer, showcasing a strong foundation in cloud architecture, deployment, and management.

CERTIFICATIONS

Google Cloud Certified Professional Network Engineer
Google Cloud Certified Professional Data Engineer
Hashicorp Certified Terraform Associate
Google Cloud Certified Professional DevOps Engineer
Google Cloud Certified Associate Cloud Engineer

HONORS AND AWARDS

- Runner's Up at Aikiya National level Hackathon - 2020
- Runner's Up at J-Hub State level Hackathon - 2020
- Winner of Sree EC Tech Hackathon - 2019