

KRISHNA NIMBALKAR1

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Education

Pimpri Chinchwad College of Engineering

Aug 2018 - Jun 2022

Bachelor of Engineering in Electronics and Telecommunications (CGPA of 9.71)

Pune, India

Experience

Schlumberger

Aug 2022 - Present

Associate Software Engineer

Pune, India

- Implemented a Python-based solution utilizing the python requests module to extract data from an internal data source using APIs. Processed the data using pandas data frame and loaded it into GCP BigQuery. Deployed the codebase on Google Cloud Functions and scheduled it via Google Cloud Scheduler for regular data loading, facilitating seamless integration with SAC (SAP Analytics Cloud) and supporting other designated purposes.
- Developed GCP BigQuery SQL scripts for ETL (Extract, Transform, Load), leveraging various data sources and meeting specific business requirements.
- Developed and maintained approximately 5 Python DAGs and over 20 tasks for Airflow / Google Cloud Composer, leveraging its powerful orchestration capabilities to schedule and execute BigQuery SQL scripts for seamless data extraction, transformation, and analysis, ensuring reliable and timely data processing.
- Implemented automated code analysis and open source security management by integrating SonarQube and WhiteSource into the Azure CI/CD pipeline, ensuring early detection and resolution of code quality issues and vulnerabilities.

Projects

Data Monitoring and Acquisition System For All Terrain Vehicle | *Python, MySQL* | [Github](#)

Jun 2021

- Implemented a wireless data acquisition system with efficient data logging and real-time monitoring of sensor data **reducing the test and validation time of vehicle by 30%.**
- Tech Stack Used: Linux Based Raspberry Pi, Arduino, Google APIs, Python, MySQL

QuickNote - Note taking WebApp | *Django, Python, MySQL, Javascript* | [Github](#)

Aug 2023

- Developed full-stack Django web app with user authentication, enabling registration, login, and personalized note management.
- Users can create, view, edit, and delete their notes.
- Created intuitive and responsive interface for effortless note creation, viewing, editing, and deletion, elevating user experience.

Profile Links

- [Leetcode](#)
- [GeeksforGeeks](#)
- [Github](#)

Technical Skills

Languages: Python, SQL, Java

Technologies/Frameworks/Libraries: Google Cloud Platform, BigQuery, Cloud Composer/Airflow, Google Cloud Functions, Google Cloud Scheduler

Tools: Git, VS Code, Azure DevOps

Databases: MySQL, MongoDB

Other: Data Structures and Algorithms

Certifications: Google Cloud Certified Associate Cloud Engineer, Google Cloud Certified Professional Data Engineer

Achievements

- Awarded the 2022 best outgoing student award for outstanding performance in academics, co-curricular and extra curricular.
- Winner of innovative project competition at university level.
- Regional finalist in national level innovation challenge organized by IIT Bombay e-yantra, among top 18 teams from 300+ teams from all over the India.

Extracurricular

- Team lead for e-yantra innovation challenge project competition 2020-21.
- President of institution of electronics and telecommunication engineers (IETE) student's forum 2021-22.
- Member of team red baron PCCOE motorsports club 2020-22.