Dheeraj Prajapat

✉ dheerajprajapat561@gmail.com | 📱+91-7223041773 ⚪ https://www.github.com/dheeraj-prajapat561 |
in https://www.linkedin.com/in/dheerajprajapat-bb10749243

Skills

Languages: C/C++, SQL, Python

Technologies & Tools: FastAPI, Flask , Pyspark, Git, GitHub, Postgress, MySQL, AWS, Azure, Databricks, Oracle APEX
Docker, Kubernetes, Jenkins, Teraform ,Power BI, Numpy, Pandas, Postman

Work Experience

Otrix India Tech Pvt Limited, Dewas   July 2024 - Jan 2025

Software Developer Intern   *- On-Site*

- Developed a Python batch pipeline to extract data from external APIs, transform it with Pandas, and store results in MySQL or Excel.
- FastAPI is a modern, high-performance web framework for building APIs ard It is widely used for both synchronous & asynchronous APIs &excels in speed & developer experience
- Developed APEX apps with Oracle DB 19c, implemented PL/SQL logic, built dashboards and forms, integrated REST APIs, and optimized SQL for performance and security. Improved workflow efficiency and data accuracy.
- Built batch ETL pipelines using PySpark to process API and database data, performed data transformations, stored results in PostgreSQL and Excel. Skilled in Spark DataFrames, performance tuning, and large-scale data handling.
- Tech Stack: Oracle SQL Developer, Postgress , Oracle APEX, SQL, Python ,REST API, Pyspark, FastAPI, Git

1Stop.ai, Banglore   Nov 2023 - Feb 2024

Software Engineer Intern   *-Remote*

- Conducted EDA using **Power BI** to create interactive dashboards and visual reports highlighting key trends,
- Used **Python (Pandas, Seaborn)** for initial data preprocessing and statistical analysis.
- Queried and aggregated data from **SQL databases** to feed into Power BI for live, auto-refreshing dashboards.
- Built visuals such as **bar charts, line graphs, heatmaps, slicers,** for data exploratio stakeholder presentations.
- Combined insights from Power BI with machine learning features to inform model development

Project Work

- **AutoShip – Automated CI/CD & Monitoring System for Microservices:** AutoShip is a DevOps project that automates the entire software delivery pipeline for containerized microservices using CI/CD, Docker, Kubernetes, and monitoring tools. Monitoring, logging, and alerting are handled through Prometheus, Grafana, ELK Stack, and Alertmanager for continuous feedback.
- **DataFlowPro – Scalable Data Pipeline with PySpark and Airflow** : DataFlowPro is a data engineering project that builds a scalable ETL pipeline using PySpark to extract data from APIs and databases, transform it, and load it into a data warehouse. Built an automated ETL pipeline using PySpark and Airflow to extract, transform, and load data from APIs and databases Stored data in Delta Lake and PostgreSQL, enabling versioned storage and analytics with DuckDB and dbt.Visualized results using Power BI, ensuring end-to-end data flow, monitoring, and transformation.
- Tech Stack: Integrated CI/CD automation using Jenkins, Docker, Kubernetes, MySQL, AWS, Azure, Databricks

Education

Acropolis Institute of Technology And Research, Indore   Aug 2022 - Jun 2026
B.Tech in Computer Science and Engineering   *SGPA: 7.54*

Certifications and Training

- Python Programming Foundation **– Infosys Springboard**
- C++ Programming **– Universal Informatics, Indore**
- Oracle Cloud Infrastructure **2025 Certified Architect Associate (1Z0-1072-25)**
- Oracle Cloud Infrastructure **2025 DevOps Professional (1Z0-1109-25)**

Achievements

- **Anchoring Head** of Yavnika Hobby Club and **Event Manager** at ACM and Acropolis Blockchain Club (2023).
- AWS Academy Graduate - AWS Academy Cloud Architecting from **Amazon Web Services (AWS)!**
- Organizing Committee member, **ICI3 - 2024 International Conference**, held at our college.