

Final-year computer science student with 1+ years of experience in Data Engineering and AI/ML solutions. I am passionate about Development and Data Science, and eager to use my expertise to enhance business operations.

EDUCATION

Bachelor of Technology in Computer Engineering
Pandit Deendayal Energy University, Gandhinagar

CGPA: 8.63
Nov 2021 - May 2025

TECHNICAL EXPERIENCE

Data Engineer
Sharperly

Aug 2024 — Present
(Remote) Nigeria

- Enhanced and managed scalable **data pipelines** for geospatial data processing, improving ETL processes for data flows increasing training efficiency by **36%**.
- Containerized the application with **Docker** and deployed it on cloud platforms (**Render/AWS**), achieving consistent performance and scalability.
- Collaborated with cross-functional teams and stakeholders using **GitHub, Jira, & Confluence** to drive technical documentation and business needs.

Data Science Intern
Sharperly

Mar 2024 — July 2024
(Remote) Nigeria

- Developed a geocoding solution using **Python (Flask, Geopandas, etc.)**, reducing dependency on Google Cloud API and cutting costs upto **55%** monthly.
- Scraped and processed **10,000+** addresses data using **Overpass Turbo, BeautifulSoup, and Selenium**.
- Optimized **MongoDB** databases to store data, and further contributed to authentication and **credit management systems** for APIs.

Android Developer Intern
Patchmax Ltd.

May 2023 — Aug 2023
Ahmedabad, Gujarat

- Assisted in UI improvements and **API integration**, leading to a **23%** increase in user engagement.
- Implemented web scraping using **Python, BeautifulSoup, and Selenium**, increasing data acquisition efficiency by **18%**.
- Created **apps** in **Kotlin**, integrated libraries like Glide, Retrofit and Firebase resulting in a **20%** reduction in crash rates and improved asynchronous operations .

PROJECT

Driver Pay Forecasting : Uber NYC Driver Pay Prediction

Feb - May 2024

- Developed and **compared ML/DL models** for pay prediction, leveraging temporal and spatial trip features for analysis and visualization using **PowerBI**.

ChatPdf AI : Chat with Your PDF

Dec 2023 - Feb 2024

- Built **77%** accurate document retrieval system based on **RAG architecture** using **NLP, LangChain, PyPDF2, FAISS** optimizing search and analysis. Deployed on Streamlit for seamless accessibility.

Autograder : Precision in Every Grade

Sept - Nov 2023

- Led a team of six on a **Flask-based grading system** with model integration and **MongoDB**, achieving **63%** accuracy using **BERT-Uncased, Spacy** and **PyTesseract** for **NLP** and **image processing**.

SKILLS

Languages and Databases	Python, C, Java, HTML+CSS, MongoDB, Firebase, MySQL, PostgreSQL
Libraries and Framework	Scikit-learn, TensorFlow, Flask, Pandas, NumPy, Matplotlib, Seaborn
Tools	Asana, Jira, Render, Compass, Git, Github, PostMan, Docker, AWS EC2
Areas of Interest	Natural Language Processing (NLP), LangChain, LLMs, Generative AI.

EXTRACURRICULARS

- Presented** paper "**Automated Sleep Stage Classification using Machine Intelligence Techniques**" at ADCIS 2024, BITS Pilani (accepted/presented/under press in Springer Journal)September 2024
- Indian weather prediction: Ranked in Top-10 for Kaggle's ML Olympiad**April - May 2024