

MIT KALARIYA

Data Software Engineer

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ABOUT

Skilled in both Development and Data Analysis. With expertise in programming languages and analysis tools, I design applications and extract insights to optimize processes and achieve business goals. My focus is on leveraging technology and data to tackle challenges.

SKILLS

SQL | Python | PostgreSQL | MySQL | Django | OOPs | HTML | CSS | NumPy | Pandas | Matplotlib | Power BI | Tableau | Advanced Excel | Microsoft Office Suite | Advanced Google Sheet | Communication Skill | Creativity

PROJECTS

SMS SPAM DETECTION APP – Intern Project

[Project Link](#)

- Utilized **Python**, NumPy, Pandas, NLTK and Scikit-learn for data cleaning, processing, and model building.
- Aggregated and visualized the data by using **pandas**, **matplotlib** and WordCloud to compile a professional report.
- I created a user interface (UI) for this project using **Streamlit**, allowing users to input data and receive corresponding outputs based on the predictions generated by the Python file.

DIABETES CHECKING SYSTEM – Personal Project

[Project Link](#)

- Developed a machine learning model to predict the likelihood of diabetes in patients based on diagnostic measurements.
- Implemented a Python-based diabetes prediction system using essential libraries (**NumPy, Pandas, Matplotlib, Scikit-learn**).
- I developed a user interface (UI) for this project using **Django**, a **Python framework**. This interface allows users to input details for their diabetes check and obtain information about their current body status.

INTERNSHIP

DATA ANALYTICS INTERN – Mentorness – Remote

February 2024 – March 2024

- The report demonstrates how to seamlessly integrate a **Power BI embedded** report into a website using embedded code, enabling live and dynamic display of Power BI content within **HTML**.
- The Excel report of the Road Accident project was created utilizing datasets provided by the company. It incorporated KPIs, Pivot Tables, and Pivot Charts to present comprehensive insights into the data related to road accidents.

PYTHON DEVELOPMENT INTERN – CodSoft – Remote

December 2023 - March 2024

- I've worked on projects involving **machine learning** and data analysis, which has significantly enhanced my understanding and provided valuable insights.
- I utilized Python libraries for machine learning and data analysis, achieving an accuracy ranging from **85% to 90%** on both test and training dataset. Additionally, I successfully obtained the expected output from the mode.

EDUCATION

MASTER OF DATA SOFTWARE ENGINEERING – IT VEDANT – Bangalore, India

2023 – April 2024

Majors: Web Development, Python with Django language concepts, Projects

Onsite

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY – Saurashtra University – Gujarat, India

May 2023

Majors: Development, Programming concepts, SDLC, Activity

CERTIFICATES

Python Development – IBM | Google Analytics – Google | Advance Excel – 365 Data Science | Power BI Visualization - PwC | Advanced SQL – 365 Data Science | Web Essentials – IT Vedant | Python Data Analysis - UpGrad | Tableau Training – Simplilearn