

URVASHI VANKAR

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 LinkedIn |  GitHub

Vadodara, Gujarat, India

OBJECTIVE

Aspiring Data Scientist with strong foundations in statistics, Python, SQL, and machine learning. Experienced in data analysis, visualization, and building end-to-end ML solutions. Passionate about extracting actionable insights from data and applying AI-driven approaches to solve real-world problems.

EDUCATION

• Parul University

B.Tech in Computer Science and Engineering (CGPA: 8.0)

2023 – 2026

Vadodara, India

• Parul University

Diploma in Computer Science and Engineering (CGPA: 8.0)

2020 – 2023

Vadodara, India

DATA SCIENCE PROJECTS

• Aqua Guardian – Water Pollution Analytics Platform

Python, Pandas, Scikit-learn, ML, APIs

2025

- Performed data preprocessing and feature engineering on environmental datasets.
- Built ML models to classify pollution severity and identify high-risk zones.
- Designed data-driven insights to support civic decision-making.

• Amazon Sales Analytics Dashboard

Power BI, SQL, DAX

2025

- Analyzed large sales datasets to uncover revenue and profit trends.
- Built interactive dashboards with KPIs and drill-down analytics.
- Improved business decision support using data visualization.

• Brain Tumor Detection Using Deep Learning

Python, TensorFlow, CNN, Transfer Learning

2025

- Developed a CNN-based medical image classification model.
- Achieved 95% accuracy using data augmentation and transfer learning.
- Evaluated model performance using confusion matrix and ROC metrics.

• Daily AI News Data Pipeline

Python, APIs, n8n, LLMs

2025

- Built automated data pipelines to collect, clean, and summarize news data.
- Generated structured insights using NLP and LLM-based summarization.

TECHNICAL SKILLS

- **Data Science & Analytics:** Python, Pandas, NumPy, SQL, Statistics, EDA
- **Machine Learning:** Supervised & Unsupervised Learning, Scikit-learn, Model Evaluation
- **Deep Learning:** CNNs, Transfer Learning, TensorFlow, Keras
- **Data Visualization:** Power BI, Matplotlib, Seaborn
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Tools & Platforms:** Jupyter Notebook, Git, GitHub, FastAPI, Streamlit
- **Automation & AI:** LLMs, Prompt Engineering, n8n, API Integration

CERTIFICATIONS

- IBM Python for Data Science 2024
- IBM Getting Started with AI 2024
- IBM Large Language Models 2024
- Deloitte (Forage) Data Analytics Virtual Internship 2024
- NPTEL (IIT) Computer Networks, Theory of Computation 2024
- AWS Academy Graduate Cloud Foundations 2025

ADDITIONAL INFORMATION

Languages: English, Hindi, Gujarati