

URVASHI VANKAR

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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** 2023 – 2026
B.Tech in Computer Science and Engineering (CGPA: 8.0) Vadodara, India
- Parul University** 2020 – 2023
Diploma in Computer Science and Engineering (CGPA: 8.0) Vadodara, India

DATA SCIENCE PROJECTS

- Aqua Guardian – Water Pollution Analytics Platform** 2025
Python, Pandas, Scikit-learn, ML, APIs
 - 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** 2025
Power BI, SQL, DAX
 - 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** 2025
Python, TensorFlow, CNN, Transfer Learning
 - 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** 2025
Python, APIs, n8n, LLMs
 - 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