



# RAVIPAL

Satna, India

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GitHub — LeetCode — Codeforces — GFG

## TECHNICAL SKILLS

**Programming:** Python, Java, SQL

**Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, Streamlit

**Tools:** Git, Jupyter, VS Code

**Concepts:** EDA, Feature Engineering, Supervised & Unsupervised Learning

**Databases:** MySQL, SQLite

## EDUCATION

Degree	Tenure	Institution	CGPA
Integrated M.Tech (CSE - Data Science)	2024–2029	VIT Bhopal University	9.47/10
Class XII	—	State Board	State Topper

## ACADEMIC PROJECTS

### Fake News & Deepfake Detection System

- Multilingual fake news classification using mBERT.
- CNN-based deepfake detection using facial landmark analysis.
- Tools: Python, TensorFlow, OpenCV, Streamlit.

### Disease Prediction System

- Logistic Regression and Random Forest models.
- Achieved 88% accuracy on real-world datasets.
- Deployed using Streamlit.

### Smart Wearable for Real-Time Health Monitoring

- Sensor-based data collection (heart rate, SpO2).
- ML-based anomaly detection.
- Arduino + Python integration.

## ACHIEVEMENTS & ACTIVITIES

- State Topper – Class 12
- Fintech Club Member – VIT Bhopal
- HackVIT 2025 – CNN-based Crop Disease Detection
- GFG 160 Coding Challenge Participant
- Preparing for GSoC 2026

## INTERPERSONAL SKILLS

Problem Solving, Leadership, Public Speaking, Team Collaboration, Mentorship