

# Rupin Gore

Surat, Gujarat, India

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## PROFESSIONAL SUMMARY

Aspiring AI and Data Science professional with hands-on experience in machine learning, data analysis, and machine learning. Strong foundation in Python, SQL, and AI frameworks such as TensorFlow and PyTorch, with practical expertise gained through impactful internships and academic projects. Proven ability to develop predictive models, perform exploratory data analysis, and create interactive visualizations to drive data-driven decisions.

## EDUCATION

### Vellore Institute of Technology

M.Tech in CSE (Artificial Intelligence and Data Science) (9.1 CGPA)

### Gujarat Technological University

B.E in Computer Engineering (8.22 CGPA)

### Reliance Foundation School (CBSE)

Class 12 (72 %)

### Reliance Foundation School (CBSE)

Class 10 (84%)

July, 2024 - Present

Bhopal, Madhya Pradesh

Nov, 2020 – June, 2024

Surat, Gujarat, India

Aug, 2020

Surat, Gujarat, India

Mar, 2018

Surat, Gujarat, India

## WORK EXPERIENCE

### Data Science Intern

Durvasa Infotech Pvt. Ltd. / Surat, Gujarat

Offline

January, 2024 – May, 2024

- Processed and cleaned 1M+ data points, ensuring 98% data integrity for accurate insights.
- Conducted EDA using Pandas to identify key trends. Developed and optimized ML models, boosting accuracy by 15%.
- Created dynamic visualizations using Python and Tableau, reducing analysis time by 40%.
- Evaluated and iterated model performance, resulting in 10% improvement in model reliability through continuous optimization.

## PROJECTS

### Predictive Machine Maintenance | [Link](#)

- Developed a predictive maintenance model using sensor data from 10,000+ machines, reducing failures by 30%.
- Implemented LSTMs and Random Forest, improving fault detection accuracy by 25%.
- Automated real-time anomaly detection, cutting maintenance costs by 20% and increasing uptime.

### Sentiment Analysis of Amazon Echo Reviews | [Link](#)

- Built an NLP-based classifier for 10,000+ reviews, achieving 85% accuracy in sentiment detection.
- Automated text preprocessing using NLTK and SpaCy, reducing manual effort by 40%.
- Created interactive visualizations, enhancing data-driven decision-making speed by 30%.

### Car Buy/Sell Platform | [Link](#)

- Developed a buy-sell platform using HTML, CSS, JavaScript, and PHP, handling 5,000+ listings.
- Integrated secure login and payment features, improving transaction reliability.
- Optimized database queries (MySQL), reducing load time by 30% for a smoother user experience.

## TECHNICAL SKILLS

**Programming Languages & Tools:** Python, SQL, Git/GitHub, Docker, AWS

**AI/Data Science:** TensorFlow, PyTorch, Generative AI, NLP, Keras

**Web development:** HTML/CSS, Flask.

**Data Analysis & Visualization:** Tableau, Excel, Seaborn, Matplotlib.

**Soft Skills:** Risk management, Cross-functional communication, Critical thinking skills, Teamwork, Strategic Thinking.

## ACHIEVEMENTS & CERTIFICATIONS

- **MATLABVerse Hackathon** : Secured 2<sup>nd</sup> place at VIT Bhopal University, competing against 50+ teams. ([Link](#))
- **IBM Data Science Professional Certificate** (In Progress) ([Certificate](#))
- **IBM AI Engineering** (In Progress) ([Certificate](#))

## LANGUAGES

- English, Hindi, Gujarati