

# Priyanshi Sharma

Surat, Gujarat, India

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## Education

### Vellore Institute of Technology, Bhopal

*Expected Graduation: May 2026*

Bachelor of Technology in Computer Science & Engineering, CGPA: 8.54/10

### Reliance Foundation School, Surat

*June 2010- June 2022*

Class XII (CBSE): 89.6% (PCM + CS)

Class X (CBSE): 95.6%

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## Projects

### Jenna-Personal AI Agent

*Ongoing*

- Developing an AI-powered personal desktop assistant with 8+ task automation modules for productivity, wellness, and scheduling using Python, FastAPI, React, and Google Cloud APIs.
- Implemented core voice assistant functionality with LiveKit and Langchain, leveraging advanced prompt engineering and system prompting methods. Focusing on enhancing daily efficiency through intelligent, voice-navigated automation.

### Jotter – Note-Taking Website with OCR

*Mar 2024 – Aug 2024*

- Developed a web platform using HTML, CSS, and JavaScript with Streamlit, integrating PyTesseract, CNN, and OpenCV to perform OCR.
- Integrated NLP-driven (Natural Language Processing) text analysis, elevating user engagement through real-time note conversion and recommendations using RAG (Retrieval-Augmented Generation).

### ML Model for Drowsiness Detection using EEG Signals

*Sep 2023 – Nov 2023*

- Engineered an (electroencephalograph) EEG-based drowsiness detection system in MATLAB using LSTM networks; achieved 90% accuracy by optimizing data preprocessing, segmentation, feature extraction, and machine learning algorithm optimization.
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## Work Experience

### Financial Analyst & Investment Banking Intern, Finlatics

*Mar 2023 – May 2023*

- Analyzed and optimized financial models for 5+ projects, increasing forecast accuracy by 15%. Constructed valuation models and executed comprehensive market research to enhance portfolio performance and mitigate risks.

### Blogger, Medium

*May 2020 – Apr 2023*

- Authored in-depth articles on AI, cybersecurity, and productivity, driving a 40% increase in organic traffic, with 12k+ reads on articles and 22k+ views on SEO-optimized content.

### Secretary-General, VITBMUN

*May 2023 – May 2025*

- Coordinated 200+ participants during large-scale MUN conferences and boosted event attendance by 30% through strategic partnerships.
  - Designed and facilitated 10+ training sessions on diplomacy and public speaking, benefiting over 150 students.
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## Certifications & Achievements

- Finalist, EY Techathon 5.0 (Top 11 out of more than 150,000 participants).
  - Semi-finalist, Tata Elxsi Teliport Hackathon Season 2.
  - Semi-finalist, TBO.com VoyageHack 2.0.
  - Semi-finalist, Johns Hopkins University Health Hackathon.
  - Published paper at IEEE Conference: “Immersive Urban Narratives – AR & Data Visualization in Smart Cities Planning” (SCEECS 2025, MANIT Bhopal).
  - NPTEL Cloud Computing (IIT Kharagpur, May 2024; Top 5%).
  - NPTEL Marketing Analytics (IIT, May 2025; Top 5%).
  - Bits and Bytes of Networking (Google, Dec 2023).
  - AWS Solutions Architect – Associate Certificate.
  - IBM DevOps and Design Thinking Certification.
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## Skills

**Programming:** Python (Proficient), Java (Proficient), MATLAB, HTML, CSS, JavaScript, C++, C, Git, GitHub, VS Code

**Frameworks/Libraries:** Langchain, OpenCV, Flask, FastAPI, MySQL, MongoDB

**Machine Learning/AI:** CNN, LSTM, NLP, Tesseract OCR, Generative AI, Data Analysis, Financial Modeling

**Languages:** Hindi, English, Gujarati