Priyanshi Sharma

Surat, Gujarat, India

+91 7016403683| priyanshisharmaworks111@gmail.com |LeetCode | GitHub | LinkedIn | Medium

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Education

Vellore Institute of Technology, Bhopal
Expected Graduation: May 2026
Bachelor of Technology in Computer Science & Engineering, CGPA: 8.61/10

Reliance Foundation School, Surat
June 2010- June 2022
Class XII (CBSE): 90% (PCM + CS)
Class X (CBSE): 95.6%

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.

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.

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.

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