

Piyush Vyas

Roll No.: 22BAI1028
Bachelor of Technology
VIT, Chennai

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🐙 GitHub Profile
🌐 LinkedIn Profile

Education

- **B.Tech in CSE (AI & ML)** Sep 2022 – May 2026
Vellore Institute of Technology, Chennai CGPA: 8.61
- **XII – CBSE (82.8%)** Jun 2019 – Jun 2021
Green Field Public School, Manasa

Projects

- **Complaint Management System** MERN stack-based public issue tracking system. [GitHub]
 - Built using React, React Native, Node.js, MongoDB, Express.
 - Enabled users to raise and track complaints; authorities resolve efficiently.
- **Next-Generation Real Estate Platform** Smart property recommendations with AI/ML. [GitHub]
 - Developed a MERN-based platform for real estate listings with seamless buyer-seller interaction.
 - Integrated LLMs for auto-generating property descriptions and VGBost with sentiment analysis for accurate price prediction.
- **Open-Ended Survey Response Analysis System** Automated evaluation of free-text survey responses using LLMs.[GitHub]
 - Developed a robust pipeline using **CrewAI**, **LangChain**, and **Groq's Mixtral model** to score and classify open-ended survey responses.
 - Implemented agents for **quality assessment**, **contextual relevance**, **sentiment & toxicity detection**, and **product relevance evaluation**.
 - Processed thousands of responses across multiple survey questions, outputting structured scores (0–10) with automatic backups and recovery logic.
 - Improved analyst efficiency by replacing manual labeling with a scalable, intelligent automation framework.
- **Personal Portfolio Website** Showcase of skills, projects, and achievements using modern frontend stack. [Portfolio]
 - Built using **React.js**, **TailwindCSS**, and **JavaScript**.
 - Created responsive UI with interactive project showcases and animations.
 - Deployed on Vercel; integrated contact form and resume download.

Technical Skills

Languages: Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: TensorFlow, Keras, Node.js, Express, RESTful API, React, TailwindCSS

Developer Tools: Git, VSCode, GitHub, AWS, Colab

Libraries: Pandas, NumPy, Matplotlib

Soft Skills: Leadership, Teamwork, Public Speaking, Management

Certifications & Achievements

- Certified Full Stack Developer – Smartbridge Pvt. Ltd.
- Certified in Machine Learning and Deep Learning – Stanford University, DeepLearning.AI

- Certified MongoDB Developer – MongoDB University

Leadership & Responsibility

- **Finance Lead** CloudOps Club – VIT Chennai *Feb 2023 – Feb 2025*
 - Managed budgeting and financial operations.
 - Oversaw execution of technical events and initiatives.