Preya Shah

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Objective

Computer Engineering student with a strong foundation in programming, problem-solving, and software development. Actively seeking a software engineering internship to apply technical skills, gain hands-on experience, and contribute to impactful projects in a dynamic team environment.

Projects

Prompt2ML – LLM-Powered AutoML Code Generator   *Repository*
- Designed a full-stack platform that converts CSV data and task prompts into executable ML pipelines with Python scripts, and README using Mixtral LLM via OpenRouter, packaged as downloadable ZIPs (React, Node.js, Python, Express).

CollabBoard – AI-Powered Collaborative Whiteboard   *Repository*
- Built a real-time, multi-user whiteboard with live cursors, sticky notes, zoom/pan, chat, undo/redo sync, and **AI-command support** (e.g., "draw 5 circles of different colour") using Socket.IO, role-based access control, and backend LLM integration (React, Konva.js, Node.js, MongoDB).

DSA-Based TradeBot – Algorithmic Stock Trading Simulator   *Repository*
- Developed a Java-based trading simulator implementing Greedy, Cooldown DP, and K-Transaction strategies for analyzing buy/sell points over stock price trends, featuring modular strategy patterns, testable architecture, and execution logs (Java, DSA, OOP).

CareerSetGo – Intelligent Virtual Career Advisor   *Repository*
- Engineered an AI-powered career guidance platform with resume builder, LLM chatbot, skill gap detection, quizzes, and course recommendations, delivering tailored mentorship to users based on profile parsing and NLP (React, Tailwind, Node.js, Python, OpenAI API).

Education

L.D.College Of Engineering   June 2023 – Present
Computer Engineering(2023 - 2027)
- CGPA: 8.63/10.0

Gyaandeep Higher Secondary School   June 2023
11th - 12th Science (Gujarat State Board-GSEB)
- PR: 99.43

St Anns High School   June 2021
10th (Gujarat State Board-GSEB)
- PR: 95.56

Technologies

Languages: C, Java, Python, SQL, JavaScript

Web Development: HTML, CSS, Tailwind, MUI, MongoDB, Express.js, Node.js, React.js, MySQL

Web Dev Tools: VSCode, Git, GitHub

Other Skills: Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Deep Learning, Problem Solving, Communication.

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Software Engineering

Areas of Interest: Web Development, Artificial Intelligence, Machine Learning

Achievements

- Selected as a grand finalist in the Smart India Hackathon (SIH) 2024 among thousands of participants.
- Received an award for outstanding academic performance in 12th grade (GSEB).
- Hosted and organized multiple technical and non-technical college events to boost peer engagement.
- Achieved an All Gujarat ACPC rank of 443 in engineering admissions.