

Praneesh Parshi

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EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology
B.Tech in Computer science and engineering-(Data Science) (CGPA: 9.3)

Hyderabad, Telangana, India
Nov 2022 - June 2026

Sri Chaitanya Junior Kalashala
Intermediate (983/1000)

Telangana, India
2020 - 2022

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Javascript, Java

Libraries and Frameworks: React.js, Node.js, MongoDB, Firebase, LangChain, Flask, Jinja2, Tailwind CSS

Tools: Git, Github, Postman, Vercel, Digital Ocean, Canva, Glitch, ChatGPT, Gemini

ACHIEVEMENTS

- Winner of JPMorgan Chase's Code for Good Hackathon, competing against 200 participants selected from 50,000 applicants.
- Developed and maintaining a comprehensive website for VJ Data Questers Club, enhancing online presence, showcasing club information, and increasing student engagement and event participation.
- Won second prize in a Python hackathon for building a chatbot using GPT-3.5's API and MongoDB.

PROJECTS

Subhiksha Voluntary Organisation Website

React.js, Node.js, MongoDB, Flask, LangChain

- Implemented a QR-based login system using UUID for secure, persistent user authentication, enhancing parent and volunteer access.
- Developed a student progress tracking feature for volunteers to record remarks, and an automated certificate generation system for volunteers.
- Integrated an open-source chatbot using LangChain to efficiently handle donor and parent inquiries about the organization.

Website for VJ Data Questers Club

React.js, Tailwind CSS

- Designed an aesthetically pleasing website showcasing club statistics, events, and achievements, significantly improving club visibility.
- Enhanced engagement by providing a centralized platform for past, present, and future events, replacing inefficient communication methods.

Codewatch - Automated Lab Integrity System

TypeScript, React.js, Node.js, MongoDB, Judge0 API

- Developed a JavaScript-based tab monitoring system to detect unauthorized access during exams, instantly alerting teachers.
- Implemented a real-time alerting system for invigilators, identifying and blacklisting students attempting to access external resources.

AI-waiter

React.js, Flask, LangChain, Gemini API, FAISS, RAG

- Developed a RAG-based Q&A system using LangChain and FAISS for efficient retrieval of restaurant information, enhancing user experience.
- Implemented text splitting and indexing pipeline for optimal document chunking and storage, improving search efficiency.
- Integrated Gemini API for natural language processing of table bookings and appointments, streamlining user interactions.

The Coder Companion

React.js, Node.js, Gemini API, Judge0 API

- Developed an AI-powered platform to assist students with coding problems, providing insights on logic and question comprehension.
- Integrated Judge0 API for automated test case evaluation, offering real-time feedback on code submissions to enhance learning.

CERTIFICATIONS

A [certificate](#) from coursera.org on "Supervised Machine Learning"

February, 2024

A [certificate](#) from freeCodeCamp.org on "Responsive web design"

July, 2023

A [certificate](#) from kaggle.com in "Intro to Machine Learning"

November, 2023