

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, Canva, ChatGPT, VS Code, Google Colab, Jupyter Notebook.

ACHIEVEMENTS

JPMorgan Chase Code for Good Hackathon Winner

2024

- Achieved first place among 200 participants selected from 50,000 applicants by showcasing innovative coding solutions and effective collaboration.

Python Application Bootcamp Hackathon - runner up

2023

- Developed an innovative chatbot utilizing GPT-3.5's API and MongoDB, showcasing proficiency in AI integration and database management.

VJ Data Questers Club Website Developer

2022 - Present

- Designed and currently maintaining the club's website, enhancing online presence and increasing student engagement in events by 40%.

PROJECTS

AI-waiter — [Link](#)

React.js, Flask, LangChain, 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.

cpflashnoter – AI-powered note-taker — [Link](#)

React, Node.js, Firebase, LLaMA 3.1, LangChain

- Engineered an AI-powered application for DSA learners and competitive programmers, automating the generation of structured study materials and implementing code breakdown functionality using LLaMA 3.1 70B.
- Developed a save feature with Firebase, enabling users to store and retrieve generated notes, while integrating LangChain for enhanced natural language processing capabilities.

Codewatch - Automated Lab Integrity System — [Link](#)

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.

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

EXTRACURRICULAR ACTIVITIES

- Led technical development for Profolio, a student portfolio competition, creating essential resources for portfolio creation and evaluation criteria, while serving on the assessment team to identify top talent.