# 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

## **EXPERIENCE**

#### Stalcon Solutions Private Limited

Remote

AI Developer Intern

Oct 2024 - Present

- Developed an AI-powered place recommendation algorithm for "Intripid: what's next", leveraging LLMs to understand user personalities and a RAG-based system to embed and retrieve places using Google Places data.
- Designed and implemented the core recommendation logic, ensuring personalized and accurate suggestions based on user preferences.

## **TECHNICAL SKILLS**

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

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

Tools: Git. Github. Postman. Vercel. ChatGPT. AWS. Docker

## **ACHIEVEMENTS**

2024

JPMorgan Chase Code for Good Hackathon Winner

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

## VJ Data Ouesters Club Website Developer

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

## **PROJECTS**

## **College Sports Fest Registration Portal**

React.is, Firebase, Razorpay, Node.is

- Developed and deployed a full-stack registration portal on Firebase for the college's annual sports festival, managing 1,566
- Integrated Razorpay payment gateway achieving 98% transaction success rate, processing Rs. 379,500 in registration fees.
- Implemented Firebase real-time database for efficient user data management and concurrent registration processing.

## 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.is, Node.is, 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.

#### **CERTIFICATIONS**

A certificate from coursera.org on "Supervised Machine Learning"

February, 2024

A certificate from freeCodeCamp.org on "Responsive web design" A certificate from kaggle.com in "Intro to Machine Learning"

July, 2023

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.