Praneesh Parshi

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EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology   **Hyderabad, Telangana, India**
B.Tech in Computer science and engineering-(Data Science) (CGPA: 9.3)   *Nov 2022 - June 2026*

Sri Chaitanya Junior Kalashala   **Telangana, India**
Intermediate (983/1000)   *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

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.

VJ Data Questers Club Website Developer   **2022 - 2023**
– 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.js, Firebase, Razorpay, Node.js**
– Developed and deployed a full-stack registration portal on Firebase for the college's annual sports festival, managing 1,566 student registrations.
– 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, 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.

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.