

# P I Prasaad Krishna

Chennai, India | prasaad2005@gmail.com | 7305091921 | portfolio | linkedin | github

## Summary

---

Proactive Computer Science student with hands-on experience building full-stack, AI-driven applications. Proven ability to develop and deploy projects from concept to completion using React, Node.js, Python, and MongoDB. Eager to apply skills in software development and machine learning to solve challenging problems.

## Education

---

### SRM IST, Ramapuram

B.Tech Computer Science and Engineering  
CGPA: 9.57/10

### Amrita Vidyalayam

Class XII (CBSE), MPC + Computer Science  
Percentage: 83%

### Amrita Vidyalayam

Class X (CBSE)  
Percentage: 95.6%

## Skills

---

**Languages/Frameworks:** Python, C, C++, Java, Node.js, MongoDB, React.js, Express.js, HTML, CSS, DBMS, Git, Postman, Vite

## Projects

---

### Formula One Race Winner Predictor | GitHub Repo

- Machine learning model predicting F1 race winners using Pandas, NumPy, scikit-learn, FastF1, Matplotlib, and Seaborn.

### MindMate - Anonymous Mental Health Support App | Web App

- Built a mental health support app with React, TypeScript, Vite, Node.js, Express, Flask (VADER sentiment analysis).
- Features: peer chat, mood tracking, daily check-ins.

### FHIR Terminology Microservice [SIH25026] | GitHub Repo

- Engineered the end-to-end AyuSetu dual-coding platform, building a feature-rich React frontend and a Rust API backend with MongoDB and Redis.
- Developed a complex, responsive UI featuring a multi-mode search (autocomplete, voice), a code composer, and a custom, toggleable dark theme.
- Established the complete local development environment, resolving complex Rust linker errors and configuring database connections to enable backend functionality.
- My Role:** Developed the full-stack AyuSetu platform, engineering the responsive React frontend with a dark theme and implementing the Rust API backend with MongoDB and Redis.

### SAYITRIGHT — AI Interview Simulator | Web App

- Built an end-to-end **AI interview simulator** that conducts multi-round mock interviews in real time (intro, behavioral, role-specific, wrap-up).
- Dynamic question engine with difficulty levels and role tracks (SWE, Web, Data), plus **follow-up probing** based on prior answers.
- Automated scoring & feedback:** rates answers across clarity, structure, tech depth, and impact; returns bullet feedback and improvement tips.
- Analytics dashboard:** per-round scores, strengths/weaknesses, and progress over sessions; exportable transcript + feedback.
- Stack: React + Vite (frontend), Node.js/Express (API), Python service for evaluation (LLM + rule-based rubric),

MongoDB for sessions; JWT auth.

- **My role:** designed evaluation rubric, built the feedback pipeline, and integrated frontend with the scoring API.

#### **GetChef | Web App**

- Full-stack AI-powered recipe generator using React, Vite, Node.js, Express, Firebase (Auth + Firestore).
- Integrated Mistral AI model via OpenRouter for unique recipe creation.
- Deployed responsive multi-page UI with Tailwind + Framer Motion.

### **Certifications**

---

- High-Performance Leadership: Lessons from Formula 1 (Santander Open Academy, Jun 2025)
- Database Management System (NPTEL, Apr 2025)
- GeeksforGeeks 160 Days of Problem Solving (Apr 2025) [Certificate Link](#)
- Java (Basic), HackerRank (Oct 2024)
- 100 Days of Code: Python Bootcamp (Udemy, Jul 2024)
- C Programming (Basic), SRMIST (Nov 2023)

### **Volunteering**

---

#### **Student Volunteer, ExNoRa International Foundation**

Hindu News Article

- Involved in clean-up drives, plastic segregation, awareness campaigns for sustainable living.

### **Hackathons & Competitions**

---

- HackVerse'25 (Mar 2025) - Participant
- Nexathon'25 (Feb 2025) - Participant

### **Conferences & Workshops**

---

Microsoft Azure Global AI Bootcamp – Chennai (Azure Developer Community)

### **Extra Curricular Activities**

---

- **Badminton:** Active player with multiple quarter/semi-final finishes in open/inter-college tournaments.
- **CodeKrafters SRM Ramapuram:** Technical Team Member, Competitive Programming (Nov 2024 – Present).

### **Languages**

---

English (Professional), Malayalam (Native), Tamil (Native), Hindi (Limited Working), German (Elementary)