

# VARUN KUMAR

Computer Science Engineering Student

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## Profile Summary

I am a highly motivated Computer Science student with strong foundations in **Java**, **application development**, and **data analytics**. Experienced in building cross-platform apps and full-stack web solutions. My participation in hackathons and team-based projects has honed my ability to **collaborate effectively**, **manage time**, and **lead technical teams**.

## Education

**Vignan Institute of Technology and Science**

2022 – 2026

B.Tech in Computer Science Engineering

**Rishi Junior College**

2020 – 2022

Intermediate (GPA: 84%)

## Projects

**Rental Website (Full Stack)**

2025 – Present

Developed a fully functional rental platform using React and Node.js for smooth property listing, search, and booking workflows.

**Prakrith - Herbal Medical App (Flutter + Firebase)**

2024 – 2025

Cross-platform app for recommending herbal remedies based on health issues. Integrated real-time database, image recognition, and user profiling. Currently enhancing features for personalized recommendations.

**College Clubs, Events Announcements Platform**

2024

Built a centralized app using **Flutter and Firebase** to manage multiple college clubs, events, and announcements under one digital platform. Club admins can post updates, manage events, and interact with users. Includes user authentication and Firestore integration.

**Travel Pooling Application (Java + Firebase)**

2023

Developed a Java-based mobile app that allows students to pool rides to similar destinations, reducing cost and environmental impact. Used Firebase for user authentication, real-time ride tracking, and trip matching logic.

**Online Chatting App (MERN Stack)**

2023

Built a real-time chat application using **Node.js, Express.js, React**, and **MongoDB**. Features include user registration, one-to-one messaging, active user tracking, and socket-based real-time chat using WebSocket.

**Facial Expression Detection System**

2022

Created a deep learning model using Python (OpenCV + TensorFlow) to classify real-time facial expressions like happy, sad, angry, etc. Used in emotion-aware feedback systems.

## Skills

- Programming: Java, JavaScript, Dart, Python
- Frameworks: Flutter, React, Node.js
- Backend: Firebase, MongoDB, Express
- Tools: Git, VS Code, Figma
- Soft Skills: Leadership, Teamwork, Time Management, Communication

## Languages

- Telugu (Native), Hindi, English

## Career Goals

**Short-Term Goal:** To secure a managerial or lead developer position where I can apply my technical and leadership skills to real-world problems.

**Long-Term Goal:** To rise into an executive leadership role, contributing to innovation and strategic decision-making in a top tech company.