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 structures & algorithms (DSA). Experienced in building cross-platform applications and creating automation workflows. My participation in hackathons and collaborative projects has strengthened my ability to work effectively in teams, manage time efficiently, and lead technical initiatives from concept to deployment.

Education

Vignan Institute of Technology and Science   2022 – 2026
B.Tech in Computer Science Engineering

Rishi Junior College   2020 – 2022
Intermediate – 84%

Prerana Brilliant High School   2019 – 2020
SSC – 98%

Projects

ConnectUs – Club & Event Organizer App   Aug 2025 – Present
Flutter-Firebase app for managing college clubs and events with role-based admin access, verified student login, and secure Firestore backend.

Prakrith – A Natural Herb Education & Diagnosis App   Aug 2024 – Feb 2025
Flutter-Firebase app with herbal information, 3D herb models, and AI-powered (Gemini API) medical report analysis for herbal remedy suggestions.

National Student Digital Gateway (Blockchain + AI)   Jan 2025 – Present
Blockchain and AI-powered platform for student identity verification, scholarships, project collaboration, and social cause participation.

YouTube Auto-Reply Bot   Jan 2025 – Apr 2025
Automated system that replies to YouTube comments using ChatGPT, logs interactions in Google Sheets, and sends Telegram alerts for important comments via integrated APIs.

Automated Deployment of a Flask App Using Docker, Kubernetes and GitHub Actions
Jun 2025
Deployed Flask app on Kubernetes via Docker with CI/CD using GitHub Actions; automated build, push, and rollout on Minikube.

Travel Pooling App – Affordable Ride Sharing   Nov 2023 – Feb 2024
Java-Firebase Android app for verified ride-sharing, real-time trip matching, and cost-effective travel.

Skills

Programming: Java, Python, Dart, JavaScript
Frameworks: Flutter, React, Next.js
Backend: MongoDB, Express, Firebase
Tools: Git, Figma, Docker, Kubernetes, n8n (Automations)
Soft Skills: Leadership, Teamwork, Time Management, Communication

Languages

Telugu (Native), Hindi, English

Licenses & Certifications

Oracle Cloud Database Services 2025 Certified Professional by Oracle — Issued Aug 2025

Introduction to Modern AI by Cisco — Issued Apr 2025

Python 101 for Data Science by IBM — Issued Apr 2025,

Introduction to MongoDB by Simplilearn — Issued Jan 2025

Introduction to DevOps by Simplilearn — Issued Jan 2024

Programming Essentials in Python by Cisco

Prompt Engineering for AI & ChatGPT by Udemy