

# Vadala Dinesh Kumar

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## Professional Summary

Enthusiastic and dedicated Computer Science Engineering student with strong foundational knowledge in programming, databases, networking, and software engineering. Experienced in building real-world applications using Python, Java, and web technologies. Passionate about solving complex problems and eager to contribute to challenging roles across software development, data engineering, networking, or IT support.

## Technical Skills

**Languages:** Java, Python, SQL, C (basics)

**Web Technologies:** HTML, CSS, JavaScript, React.js, Flask

**Database:** MongoDB, MySQL

**Networking Tools:** Cisco Packet Tracer

**Tools/Platforms:** VS Code, Google Colab, Jupyter Notebook, Git/GitHub

**Concepts:** Object-Oriented Programming, Data Structures, REST APIs, Machine Learning (Basics), Data Analysis

**Soft Skills:** Adaptability, Communication, Logical Thinking, Team Collaboration, Problem Solving

## Projects

### AI-Powered Complaint Sorting System

Dec 2024 – Jun 2025

Designed and implemented a full-stack application to classify user complaints using NLP, integrating Hugging Face transformer models for backend inference and accurate categorization. Built a responsive user interface to streamline complaint entry and display sorted results in real-time. Utilized MongoDB to store and manage complaint data efficiently, ensuring scalable and flexible data handling.

### Granite Industry SFT Calculator

May 2025

Developed a Flask-based full-stack web app to calculate the surface area of marble tiles using category-specific formulas. Enabled real-time input validation and dynamic result rendering to assist users with quick and precise material estimation. Integrated Excel export functionality to allow users to download calculated data for record-keeping or further analysis.

## Education

### B.Tech in Computer Science Engineering

2022 – 2026

Parul University, PIET

CGPA: 6.65/10

### Intermediate (MPC)

2020 – 2022

Sri Chaitanya Junior College, Ongole

Score: 66%

### Secondary Education (SSC)

Completed 2020

BVS High School, Ongole

Score: 97.67%

## Certifications

### NPTEL – Computer Networks and Internet Protocol (IIT Kharagpur)

Elite Certification — Score: 67/100 — Roll No: NPTEL24CS19S1169600605

Completed a 12-week advanced course conducted by NPTEL SWAYAM under the Ministry of Education, Govt. of India, covering OSI TCP/IP models, routing algorithms, IP addressing, and network applications. Recognized as a top performer in the course.

## Personal Information

Date of Birth: 10 June 2004

Languages Known: Telugu, English, Hindi

Current Location: Waghodia, Gujarat – 391760

Permanent Address: Ongole, Andhra Pradesh – 523001