

RISHABH GUPTA

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EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science in Technology. **GPA: 8.02/10.00**

2022 – Present

Relevant coursework: Artificial Intelligence and Machine Learning, Database Management, System Design, Operating System, Web development, Data Structures and Algorithm

Vishnu Bhagwan Public School

High School. **Percentage: 92**

2010 – 2020

Secondary School (Math with Computer Science). **Percentage: 82**

2020 – 2022

SKILLS

Programming Languages: C, C++, Java, Python, Dart, JavaScript, TypeScript, SQL

Web Development: HTML, CSS, jQuery, React.js, Node.js, REST APIs, JSON

Mobile App Development: Flutter, Dart

Database & Backend: MySQL, MongoDB, Flask, Django

Machine Learning & AI: Python (NumPy, Pandas), Scikit-learn, TensorFlow, PyTorch, OpenCV

Tools & Platforms: Git, GitHub, Postman, VS Code, Firebase, AWS

Software Development Concepts: Object Oriented Programming (OOPs), Functional Programming

Soft Skills: Team Collaboration, Problem Solving, Time Management, Adaptability

PROJECTS

Celestial Face — Face Recognition Attendance System | GitHub

- Built an automated attendance system using **Python**, **OpenCV**, **Flask**, and the **face-recognition** library with real-time face detection, encoding, and verification.
- Designed a responsive **Flask-based web interface** enabling facial registration, attendance monitoring, and admin-level controls.
- Implemented secure storage of facial encodings and attendance logs in CSV, ensuring fast retrieval and high reliability.
- Optimized recognition pipeline to achieve **high-accuracy real-time matching** directly from webcam feed.

Shop Seva — Multi-role Grocery Delivery App | GitHub

- Developed a 3-role delivery platform using **Flutter**, supporting customers, shopkeepers, and delivery bikers with role-specific dashboards.
- Integrated **Firebase Authentication** and Realtime Database for product listings, shop data, user profiles, and live order tracking.
- Implemented pincode-based dynamic shop mapping, product filtering, address management, and order workflow automation.
- Designed reusable UI components to ensure a clean, consistent, and intuitive user experience across the app.

TuneTrail — Full-Stack Music Streaming Web Application

- Developed a full-stack music streaming platform using **React.js** and **MongoDB** with modular API architecture.
- Implemented user and admin features including **song uploads**, playlist creation, audio playback, search, and wishlist management.
- Built a responsive modern interface with **Tailwind CSS**, ensuring smooth navigation and optimized performance across devices.

CERTIFICATES

FullStack Developer (MERN)

April 2025

SmartBridge in partnership with MongoDB

MongoDB Associate Database Administrator

April 2025

FacePrep