

Jignesh Rathod

Software Developer / Full Stack & Algorithms

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📄 SUMMARY

Full Stack Developer with strong foundations in **data structures, algorithms, and scalable systems**. Skilled in building **web and mobile applications** using **modern frameworks and cloud tools**. Multiple **top ranks** in **coding contests and hackathons**, recognized as **Excellent Developer** and **Best Full Stack Developer**. Currently pursuing **MCA**.

🎓 EDUCATION

MCA (Current 9.52 / 10.0 CPI, Pursuing)

Gujarat Technological University

2024 – 2026

BCA (84.06%)

Saurashtra University

2021 – 2024

🏆 ACHIEVEMENTS & RECOGNITION

University Topper

- Ranked **1st** (MCA Sem 1) with **9.8 CPI** and **6th** (MCA Sem 2) with **9.52 CPI** across all colleges in Gujarat Technological University (GTU).

National-Level Hackathon Finalist

- Selected as a Grand Finalist for the **SSIP New India Vibrant Hackathon**, a prestigious national innovation challenge.

Competitive Programming

- **Winner (1st Place)**: Secured first place in multiple coding and debugging competitions, including *Coding Warriors* and *Fix It*.
- Consistently ranked in the top tier of various other coding contests like *Code Combat*.

College-Level Recognition

- Awarded **"Excellent Developer"** (2024).
- Awarded **"Best Full Stack Developer"** (2023).

💼 EXPERIENCE

Freelance Full Stack Developer

2024 – Present

- Developed a comprehensive inventory and sales order management system using React, Node.js, and MySQL. The system automated material requirement calculations, **reducing the client's manual tracking efforts by 60%**.
- Designed and built a client-side invoicing tool with React, featuring PDF generation to simplify and professionalize the billing workflow for a small business.

🧠 SKILLS

Languages

C++, Java, Python, Kotlin, JavaScript, TypeScript

Frameworks & Libraries

React, Node.js/Express, Flask, TensorFlow

Databases

MySQL, MongoDB, PostgreSQL

Developer Tools

Docker, Git

Core Concepts

Data Structures & Algorithms, OOP, Operating Systems, Database Systems, Computer Networks

📁 PROJECTS

Sign-to-Text Platform

Web | Flask, Python, TensorFlow, Mediapipe

- Engineered a real-time web platform to translate sign language into text and speech using a custom-trained TensorFlow model.
- Enabled users to train and add their own signs, enhancing the platform's accessibility and vocabulary.

Attendance Management System

Web + Android | Custom Web, Kotlin, Java, MySQL

- Created a cross-platform attendance solution (Web + Android) with reporting and tracking features to improve record accuracy for faculty.

Coding Platform

Web | React, Express, MongoDB, Docker

- Built a platform for real-time, multi-language code execution, using **Docker containers** to create a secure sandboxed environment.