Samarth Chavda

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Profile Summary

Enthusiastic and detail-oriented Computer Engineering undergraduate with hands-on experience in full-stack web development using the MERN stack. Passionate about Artificial Intelligence, Machine Learning, and building scalable web applications. A quick learner with a problem-solving mindset and a strong foundation in programming, databases, and system design.

Education

Marwadi University — *B.Tech in Computer Engeneering* — *Rajkot, Gujarat, India*
- **CGPA: 6.42/10** | Expected Graduation: June 2026 — *2022 - Present*

Shree G.k Dholkiya School Rajkot — *Senior Secondary Education* (12th Grade) — *Rajkot, Gujarat, India*
- Stream: Science | GSEB Board | Scored: 52.5% — *Graduated: June 2022*

Shree G.k Dholkiya School Rajkot — *Secondary Education* (10th Grade) — *Rajkot, Gujarat, India*
- GSEB Board | Scored: 70.55% — *Graduated: March 2020*

Relevant courses

- Artificial Inteligence
- Database Management System
- Web Technology
- Machine Learning
- Operating Systems
- Python
- Mathematics and Statistics
- Object-Oriented Programming using Java

Projects

Online Learning Website - Github
- This website is a dynamic learning platform built with the MERN stack (MongoDB, Express.js, React.js, Node.js) to deliver and manage educational content. Users can register, explore courses. Admins can create courses, upload materials, and manage users efficiently. Designed for students and educators alike, the platform offers an engaging, interactive, and seamless learning experience.

Movie Rating Website - Github
- This movie rating website is built using React.js, Node.js, and MongoDB to deliver a dynamic and engaging user experience. Users can browse, rate, and review movies with real-time updates and personalized recommendations. The platform features secure authentication, a responsive UI, and efficient data handling for smooth performance.

Iot Base fall Detection System
- This IoT-based Fall Detection System is designed to monitor and detect accidental falls, especially for elderly individuals or patients. Using motion sensors (like accelerometers and gyroscopes), the system identifies sudden changes in movement and posture. Upon detecting a fall, it sends real-time alerts to caregivers or family members via connected devices, enhancing safety and response time.

Certifications

- Artifical Inteligence – IBM
- Data Science – IBM
- Computer Network and Security – Cisco

Technical Skills

Programming Languages: Python, Java, JavaScript, React, Node Js, PHP , HTML , Css
Database: MySQL , MongoDB
Developer Tools: Git, VSCode

Extra-Curricular Activities & Achievements

- **Tug Of War:** 1st Runner up in Marwadi University .