

# Raman Choudhary

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## EDUCATION

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**Sardar Vallabhbhai National Institute of Technology, Surat**

2022-present

*Bachelor of Technology in Chemical Engineering*

*CGPA(6th sem): 8.31/10.0*

**K.R. Senior Secondary School, Sangaria (Raj.)**

2020-2021

*Senior secondary education*

*Percentage: 96.8*

## SKILLS AND COMPETENCIES DOCUMENTS

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🔗 **Smart Investment Analytics Platform** | Python | React.js | PostgreSQL | august, 2025

- Developed an AI-powered web application for real-time portfolio analysis and market prediction.
- Integrated multiple financial data sources and applied machine learning models for risk assessment and asset optimization.
- Built interactive dashboards with dynamic visualizations to support data-driven investment decisions.
- Applied machine learning models to forecast market trends, assess portfolio risk, and recommend optimal asset allocation.
- Designed secure backend services with Python (Flask/FastAPI) to handle data processing, model inference, and API endpoints.

🔗 **WordLink-A multiplayer word-guessing game** | React | Node.js | WebSockets February, 2025

- Developed a real-time word association game inspired by Codename, where players guess secret words based on given clues.
- WebSockets for real-time communication, React and Tailwind CSS for UI design.
- Supports real-time gameplay with multiple players
- Custom scoring system based on correct guesses.

🔗 **E-commerce Website** | MongoDB | Express.js | React | Node.js | Stripe | Redis | JWT September, 2024

- Developed a fully functional E-commerce platform using MongoDB, Express.js, React.js, and Node.js (MERN).
- Integrated JWT (JSON Web Token) for secure user authentication and role-based authorization (admin, user).
- Integrated Stripe API for secure payment processing, supporting multiple payment methods (credit cards, debit cards, etc.).
- Utilized Cloudinary for image upload, storage, and transformation in a scalable manner, ensuring optimal image handling across the platform.
- Implemented dynamic shopping cart updates, real-time product availability, and seamless checkout experience using React hooks and state management (Zustand).

## TECHNICAL SKILLS

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**Programming Languages:** C++, JavaScript, python

**Web Development:** React.js, HTML5, CSS3, TailwindCSS, Bootstrap

**Database Management:** MySQL, MongoDB

**Development Tools:** Git, GitHub, Docker, Socket.IO, VS Code

**Software Development:** RESTful APIs, Version Control, Agile Methodology

## COMPETITIVE PROGRAMMING

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🔗 **LeetCode** | 🔗 **Codeforces**

- **LeetCode:** Solved over 200+ problems on LeetCode, rating -(max 1576).
- **Codeforces:** Solved over 350+ problems on Codeforces with a contest rating of 1114.