

# SIMRAN CHOUBEY

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## EDUCATION

### Gujarat Technological University

Ahmedabad, India

B.E. In Computer Engineering ( GPA: 7.83 )

Aug. 2023 - July 2027

## OBJECTIVE

- Enthusiastic and detail-oriented 3rd year Computer Engineering student at Gujarat Technological University with proficiency in modern web development frameworks (React, Node, Express) and databases (MongoDB, MySQL). Adept at designing scalable applications and solving algorithmic challenges, with a proven record in leading technical initiatives and collaborative projects. Actively seeking opportunities to apply technical expertise and problem-solving skills in challenging software development roles or internships.

## SKILLS

**Programming Languages** : JavaScript, HTML5/CSS, Python3, C/C++, OOP, OS

**Frameworks and Tech** : Node.js, ExpressJs, React.js, NextJs, Tailwind CSS, Git, Postman

**Database** : MongoDB, MySQL, RedisDB, PostgresDB, SQL

**Developer Skills** : Data Structures and Algorithms, System Design, OOP's

## PROJECTS

### StudyNotion - An EdTech Website

- Developed an EdTech platform, incorporating best practices from **JavaScript(ES6)**, **ReactJS**, **MongoDB**, **Redux**, **ExpressJS**, **NodeJS**, **HTML5**, **Tailwind CSS** enabling seamless user experiences with features such as sign-up, login, OTP verification, and payment integration through Razorpay, enhanced accessibility for over **500 new users** weekly.

### Realtime Chat App

- Full-stack based** web application which allow users to chat in real time and seamless communication using **Reactjs** **NodeJs**, **Expressjs**, **MongoDB**, **Socket io**
- Socket.io ensures low-latency, bidirectional communication for real-time updates and interactions.
- MongoDB efficiently stores chat data, ensuring scalability and high performance

### TestAPI

- Engineered an agile API development tool supporting all key HTTP requests (**GET**, **POST**, **PUT**, **DELETE**), reducing testing time by **30%** and accelerating functionality validation, significantly **enhanced development efficiency** and API lifecycle management.
- Enhanced the application by implementing the functionality to store and group user requests based on their details, empowering users to conveniently save and retrieve requests for future utilization.

### Series of Minor Projects

- Collaborated on a peer-reviewed coding project, Adopting industry-leading practices from **ReactJS**, **JavaScript (ES6)**, **MongoDB Atlas**, **Redux**, **ExpressJS**, **NodeJS**, **HTML5**, **Tailwind CSS**, received constructive feedback from 5 industry peers, resulting in a 2x times refined coding approach and improved project **delivery time reduced by 20%**.

## EXTRACURRICULAR ACTIVITIES

- Organized and facilitated various events in college overseeing the smooth execution and ensuring a memorable experience.
- Participated in hackathons, workshops and competitions.

## ACHIEVEMENTS

- Resolved **300 + algorithmic problems** on GFG, TUF+ and Leetcode, improving problem -solving efficiency.
- Appointed as **Technical Lead** from my batch for Coding club at Institute level.