

# RUSHIL PATEL

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## EDUCATION

Institute of Technology, Nirma University (Ahmedabad, India)  
*Bachelor of Technology, Computer Science and Engineering(CSE)*

Sep 2022 – May 2026  
GPA: 8.95/10

## PROFESSIONAL EXPERIENCE

### Technotery

Jun 2024 – Present

*Assistant Software Engineer - Trainee*

- Developing a **voice-command-based web application** for finance management, similar to Splitwise, enhancing user interaction through **speech recognition**.
- Utilized **ReactJS** with **react-speech-recognition** for **speech-to-text** functionality on the frontend and implemented backend services using **NodeJS** with **Express**.
- Leveraged **Amazon Bedrock (AWS)** for extracting relevant information from user commands, employed **Amazon DynamoDB** for data storage and management and utilized **AWS Lambda** for deploying **serverless** functions.

## TECHNICAL STRENGTHS

Programming Languages	C++, Java, JavaScript, C, HTML, Python
Database Tools/Languages	SQL*Plus, MongoDB, AWS DynamoDB
Frameworks and Libraries	NodeJS, ReactJS, ExpressJS
Cloud Services	AWS Bedrock, AWS Lambda, Render, Vercel
Operating Systems	Linux, MacOS, Windows
Relevant Course Work	Data Structures and Algorithm, OOP, AI & ML, Software Design, OS, DBMS, Maths, Statistics

## RELEVANT PROJECTS

### Portfolio Website ([Github](#)) ([Live Demo](#))

May 2024 - Jun 2024

- Developed a **responsive** portfolio website with **ReactJS** and **VITE**, ensuring **optimized load times** and **high interactivity**.
- Tech Stack Used** : ReactJS

### FitFreaks ([Github](#)) ([Live Demo](#))

Feb 2024 – Apr 2024

- Developed a **Full-Stack** Fitness Tracker using the **MERN** stack with a focus on **graphical workout representation**.
- Implemented seamless **User Authentication**, **State Management**, and **Modular Components** to enhance user experiences. Utilized **React Router** for efficient navigation and **Cookies** for persistent user data.
- Tech Stack Used** : MERN

### Cricket Player Statistics Management System ([Github](#))

Nov 2023 – Dec 2023

- Developed a **C++** application utilizing **data structures (Linked List, Priority Queue, Maps)** to streamline cricket player statistics management.
- Integrated **JSON** for efficient data storage and retrieval, enhancing data persistence and accessibility.
- Technologies Used** : C++

### Learning Management System ([Github](#))

Oct 2023 – Nov 2023

- Created a **Java-based** Learning Management System (LMS) emphasizing seamless execution and user-friendly features through **Object-Oriented Programming** principles.
- Technologies Used** : Java

## HACKATHONS

### ClientConnect ([Devfolio](#)) ([Video](#))

Apr 2023 – Apr 2023

- Contributed to the collaborative development of ClientConnect as part of a team in **HACKNUTHON 4.0** by CSI (Nirma University).
- We achieved a **top-10 ranking** out of approximately **50 teams** in the competition within our track, showcasing the project's excellence.
- Technologies Used** : Sqlite , Flutter

## ACHIEVEMENTS

Solved **200+** problems on CodeForces with a rating of **1075**. ( [CodeForces Handle](#) )  
Solved **100+** problems on LeetCode. ( [LeetCode Handle](#) )  
Secured **7<sup>th</sup>** position out of **222** participants in a contest held by Nirma University.  
Secured **8<sup>th</sup>** and **16<sup>th</sup>** positions in two Codeforces contests hosted by Code Adda, Nirma University.  
Obtained **96.59** percentile in **Joint Entrance Examination (JEE)**.

## CERTIFICATES

**1x Academic Excellence Certificate** (Nirma University)

*3<sup>rd</sup> SEM for scoring 9.43 SGPA*

**2x Certificate of Scholar** (Nirma University)

*1<sup>st</sup> and 2<sup>nd</sup> SEM for scoring 8.57 and 8.83 SGPA respectively*