RUSHIL PATEL

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EDUCATION

Institute of Technology, Nirma University (Ahmedabad, India)   Sep 2022 – May 2026
Bachelor of Technology, Computer Science and Engineering(CSE)   GPA: 8.88/10

PROFESSIONAL EXPERIENCE

Technotery   Jun 2024 – Present
Assistant Software Engineer - Trainee
- Developed 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, Amazon 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 **7th position** out of **222 participants** in a contest held by **Nirma University.**
Secured **8th** and **16th 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)
3rd SEM for scoring 9.43 SGPA

3x Certificate of Scholar (Nirma University)
1st, 2nd and 4th SEM for scoring 8.57, 8.83 and 8.67 SGPA respectively