RUSHIL PATEL

+91 7698555685 ◇ rushilpatel210@gmail.com ◇ Portfolio ◇ LinkedIn ◇ GitHub ◇ LeetCode ◇ CodeForces

EDUCATION

Institute of Technology, Nirma University (Ahmedabad, India) Sep 2022 – May 2026
Bachelor of Technology, Computer Science and Engineering(CSE) GPA: 8.88/10
Amazon Machine Learning Summer School 2024 (*Acknowledgment Letter*) Jul 2024 – Jul 2024
Attended MLSS that offered learning experience in key machine learning topics taught by Amazon Scientists.

PROFESSIONAL EXPERIENCE

Technotery Jun 2024 – Jul 2024
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, Python, HTML
Database Languages	SQL, MongoDB, DynamoDB, Firestore
Frameworks and Libraries	NodeJS, ReactJS, ExpressJS
Cloud Services	AWS Bedrock, AWS Lambda, Firebase Auth, Amazon API Gateway, Render, Vercel
Relevant Course Work	ML, DSA, OOP, DBMS, FSWD, OS, Computer Network, Maths, Statistics

RELEVANT PROJECTS

Civic Pulse (*Github*) (*Live Demo*) (*Video*) Jun 2024 - Aug 2024
- **Developed** a **responsive** website, leveraging **Firebase**, **Google Cloud Platform (GCP)** and **Gemini API** to automatically route community issues to the appropriate departments for efficient resolution.
- **Technologies Used :** ReactJS, ExpressJS, NodeJS, Firebase Firestore, Firebase Storage

FitFreak (*Github*) (*Live Demo*) Feb 2024 – Apr 2024
- **Led** a team in developing a **Full-Stack Fitness Tracker** using the **MERN** stack, with **State Management** and graphical workout representation. Utilized **React Router** for navigation and **Cookies** for persistent user data.
- **Technologies Used :** ReactJS, ExpressJS, NodeJS, MongoDB

Cricket Player Statistics Management System (*Github*) Nov 2023 – Dec 2023
- **Partnered** in the development of a **C++** application utilizing **data structures (Linked List, Priority Queue, Maps)** and integrated JSON for data storage to streamline cricket player statistics management.
- **Technologies Used :** C++

Learning Management System (*Github*) Oct 2023 – Nov 2023
- **Collaborated** in creating 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
- **Led** a team of **four** in the **collaborative** development of ClientConnect during **HACKNUTHON 4.0** organized by CSI.
- Secured **top-10 ranking** out of approximately **50 teams** in the competition within our track, showcasing the project's excellence.
- **Technologies Used :** Sqlite , Flutter

ACHIEVEMENTS

Selected for **Amazon ML Summer School 2024**, ranking in the **top 3000** out of **approximately 85,000 participants.**
Solved **450+ problems on Coding Platforms like LeetCode, Codeforces and Vjudge.**
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**.

CERTIFICATES

Google AI Essentials (Coursera) **(Certificate)**
1x Academic Excellence Certificate (Nirma University)
3x Certificate of Scholar (Nirma University)