

R CHARANTEJ REDDY

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SUMMARY

Skilled in web development, AI-based solutions, and competitive programming (**1700+** avg. rating, **350+** problems in [LeetCode](#)). Proficient in multiple programming languages and frameworks with strong project experience. Earned a **2x merit scholarship**, **Open source contribution to Postman**, and **identified and reported a critical issue in LeetCode**, showcasing attention to detail and technical abilities.

PROJECTS

Uber Clone

December 2024 - Present

- Implementing a robust Uber Clone application, facilitating requests daily, with features including real-time GPS tracking with the help of React+Vite for frontend, Express for backend, Websockets for real-time communication and location sharing.
- High Quality UI similar to that of Uber App enhancing user experience through seamless driver-rider interactions.
- Planning to implement special features for disabled users and microservices for efficient service management.

Personal Portfolio

January 2025 - January 2025

- Designed and developed a responsive personal website using React.js, Express.js, HTML, CSS, and JavaScript, featuring a project showcase, social links, and a contact form.
- Implemented a semantic search-based system in Atlas MongoDB, enabling efficient data updates and additions while reducing storage usage by **30%** through optimized duplicate handling.
- Enhanced performance with Redis caching to fetch top questions quickly, reducing database load and improving response time by **80-90%**.

Education Management System (WhatsApp Bot)

August 2023 - January 2024

- Engineered an education management system using Flask and Python, integrating Twilio API and SQLite for features like timetable scheduling, reminders, resource sharing, and announcement delivery.
- Reduced message burden on administration by **60%**, streamlining communication between students and educators.
- Enhanced information accessibility for users, leading to improved engagement and satisfaction.

EDUCATION

B. Tech, Electrical and Electronics Engineering

Minor in Applied Mathematics and Computing • National Institute of Technology Warangal • 2026 • 8.56

Telangana Board of Intermediate Education

Narayana Jr College • 2020 • 98.1

CICSE/ICSE

St. Joseph's Public School • 2020 • 91

CERTIFICATIONS

Fundamentals of AWS

Scaler Academy • 2024

OOPs in C++

CodeChef • 2024

Foundational Generative AI

iNeuron • 2024

Full Stack Web Development

MimoOrg • 2024

SKILLS

Databases: SQLite, MySQL, MongoDB, PostgreSQL.

Tools: Git, LangChain, TensorFlow, Scikit-learn.

Soft Skills: Problem Solving, Communication, Adaptability, Time Management.

Languages: C++, Python, JavaScript, HTML, CSS.

Frameworks & Libraries: React.js, Express.js.