

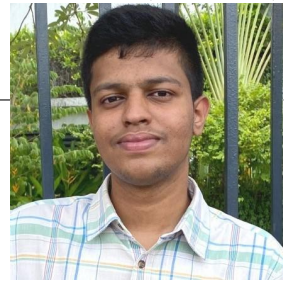
RAHUL VARMA THOTAKURA

rahulvarma.t20@iiits.in [◇ LinkedIn](#) [◇ GitHub](#) [◇ LeetCode](#)

EDUCATION

Indian Institute of Information Technology, Sri City, Chittoor
CGPA: 9.28

Aug 2020 - May 2024 (Expected)



TECHNICAL SKILLS

Programming	C, C++, Java, Python, JavaScript, HTML/CSS, SQL, PHP.
Tools/Frameworks	Git, NodeJS, ExpressJS, ReactJS, Redux, Next.js, Prisma.
Databases	MySQL, MongoDB, Redis, Firebase.

EXPERIENCE

Auric Touch LLP

June 2023 - July 2023

Web Developer

- Developed the backend for mymed, a health tracking solution for a Swedish startup using TypeScript, enhancing health monitoring capabilities.
- Integrated authentication and email features into mymed, ensuring secure user access and efficient communication, reducing authentication time by 25% and email delivery time by 30%.
- Created the frontend for Licia Paco, a Canadian company's music rights syndication platform, using Next.js, improving user experience and music rights management.

PROJECTS

PACK YOUR BAGS [Live](#)

Nov 2022 - Apr 2023

ReactJS, Redux, JavaScript, CSS, MongoDB [code](#)

- Created an attractive website with eight types of tour packages for year-round family vacations.
- Consolidated user registration, authentication, and email functionalities for seamless tour package bookings; improved user satisfaction by reducing registration time by 40% and email delivery time by 25%.
- Automated unit testing through a CI/CD pipeline, and deployed the website on a scalable cloud-based service, resulting in 30% more efficient scalability.

Attendance Tracking System

Aug 2023 - Nov 2023

Python, OpenCV, Flask, NumPy, SQLite3, ReactJS [code](#)

- Proposed an IoT-based attendance system using Raspberry Pi, Django, and face recognition, reducing manual attendance tracking time by 20%.
- Designed a Django web application for data collection that improved attendance data processing efficiency by 15%, seamlessly integrating it with a React frontend for streamlined data transfer and overall attendance management enhancement.
- Implemented a facial recognition pipeline for real-time face detection and identification, achieving a 30% increase in accuracy through continuous model updates.

Legal Judgment Assistance

Apr 2023 - Dec 2023

NLP, XLNET, BiGRU [code](#)

- Implemented language understanding system using XLNet and BiGRU models to determine case acceptance, aiming to reduce high court appeals due to dissatisfaction with lower court rulings.
- Ongoing efforts to enhance the model for predicting relevant legal sections from case data, with a goal of streamlining case management processes, which is expected to further reduce appeal rates by 10%.
- Project aims to optimize the judicial system with advanced natural language processing, potentially alleviating court burdens and improving legal outcomes, contributing to a 20% increase in overall legal efficiency.

ACHIEVEMENTS / AWARDS

- Accomplished 820+ problems, 1868+ contest rating with Knight Badge, 2.4M+ community stat views, and 19.2K+ reputation in LeetCode.
- Ranked World No.1 Contributor (August 2022), awarded LeetCode Big O notebook, and received LeetCode T-shirt for exceptional performance (June 2023).