

Rohan Khatua

Pre-final year B.Tech Student

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Bengaluru, Karnataka

EDUCATION

Vellore Institute of Technology, Vellore, TN

GPA: 9.24

Bachelor of Technology - Computer Science and Engineering

Sep 2021 – Present

- Ranked in the top 3% of students in my year, demonstrating strong academic performance
- Effectively managed a rigorous and time-intensive curriculum alongside extracurricular activities
- Created a strong technology-first culture amongst the student community through my position as the Technical Director of a prestigious student-led University chapter

La Martiniere for Boys, Kolkata, WB

ICSE: 93.8% ISC: 96%

Physics, Chemistry, Mathematics with Computer Science

April 2006 – March 2021

- Graduated with a Principal's Merit Certificate from one of the most prestigious and competitive schools in the country
- Organized and participated in several inter-school events and competitions
- Participated in several Model United Nations Panels

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Go, C/C++, and Python.

Technologies and Frameworks: ReactJS, NextJS, Svelte-Kit, Go-Fiber, GORM, NodeJS, Docker, Prisma, Amazon Web Services (AWS), PostgreSQL, MongoDB.

EXPERIENCE

Project Intern

Aug 2023 – Present

ITC Infotech

Bengaluru, KA

- Used AWS Services to migrate on-premise systems to the cloud
- Leveraged various AWS Services such as IAM, S3, Glacier Storage, EC2
- Built cost-effective, secure, reliable, available cloud solutions
- Followed AWS-recommended best practices

PROJECTS

Cryptic Hunt | *Flutter, Typescript, Firebase, Google Cloud Platform, Express, Prisma*

September 2022

- A companion mobile application for a cryptography-based treasure-hunt event with 2000+ concurrent users
- Developed a full-stack mobile application using Flutter which makes optimized API calls to an Express back-end
- Created pixel-perfect user-facing pages referencing Figma designs
- Implemented Authentication, Push Notifications, and on-device Caching

Reverse Coding | *JavaScript, React, CSS, Tailwind, Vercel, PostgreSQL*

March 2023

- An RSVP website for a Competitive Programming Event
- Used React and Tailwind to create front-end components
- Implemented functionality to sign up users and add user data to a PostgreSQL database

University Timetable Visualiser | *React, Typescript, CSS*

In Progress

- A React Component Library providing responsive, interactive, and customizable components to represent a student's timetable
- Created a JavaScript parser that extracts course-based information from poorly formatted data
- Packaged and published the component Library to the NPM Package repository

EXTRACURRICULAR ACTIVITIES

Association of Computing Machinery (ACM) Student Chapter

Vellore Institute of Technology

Board Member - Technical Director

March 2022 – Present

- Organized and adjudged technical Hackathon events with 2000+ participants
- Optimized internal chapter processes and created Organizational Units to improve efficiency across domains
- Built and coordinated the development of full-stack web and mobile applications to support chapter events

CERTIFICATIONS

- NPTEL - Ethical Hacking
 - Encryption and Hashing Algorithms - SHA, MD5, RIPEMD
 - Tools - Hydra, NMAP, NMAP Scripts, Crunch, Metasploit Framework
- Python - 100 Days of Code

