

Akarsh Kumar

+91 6268729559 • [Email](#) • [LinkedIn](#) • [LeetCode](#) • [GitHub](#)

Education

Vellore Institute of Technology, Bhopal

2022 - 2026

Bachelor of Technology in Computer Science and Engineering

St. Joseph's Convent School, Ratlam

2020

Class 10th CBSE Board

Percentage - 86.4%

Technical Skills

Programming Languages: C, C++, Python, Java

Web Development: HTML, CSS, JavaScript, React.js, Redux, Tailwind CSS

Backend Development: Node.js, Express.js, REST APIs, Socket.io

Databases: MySQL, PostgreSQL, MongoDB, Firebase, Prisma

Coursework: Data Structures and Algorithms, Operating Systems, Computer Networks, OOP, DBMS

Projects

Chat Application

[GitHub](#) • [Live Link](#)

Tech Stack: React.js, Node.js, Express.js, Socket.io, MongoDB

- Developed a real-time chat application with a responsive UI using React.js and Tailwind CSS.
- Implemented WebSocket communication via Socket.io for instant messaging and seamless data synchronization.
- Integrated MongoDB for secure authentication and chat message storage, optimizing database queries for efficiency.
- Designed a clean and user-friendly UI, increasing accessibility and user engagement.

Event Management System

[GitHub](#)

Tech Stack: React.js, Node.js, MySQL, Express.js

- Developed a full-stack event management platform allowing users to create, edit, and manage events.
- Implemented authentication using JWT for secure user logins and role-based access control.
- Built a REST API with Express.js and MySQL to handle event data storage and retrieval efficiently.
- Designed an intuitive UI with React.js, ensuring smooth navigation and user interaction.

Achievements

- Solved **700+** **Data Structures and Algorithms** problems on [LeetCode](#), [Codeforces](#), and [GeeksforGeeks](#).
- Achieved **Rank 2994** in TCS CodeVita Season 12 Round 1, qualifying for Round 2.
- Secured **Rank 1229** in TCS CodeVita Season 12 Round 2.
- Reached **Pupil** on Codeforces, **1679** contest rating on leetcode.

Certifications

- **Bits and Bytes of Computer Networking** [View Certificate](#)

Google — Coursera

Successfully completed this professional-level course by **Google**, covering core networking concepts such as **TCP/IP, DNS, network protocols, troubleshooting, and security**. This course is part of Google's IT Support Professional Certificate.

- **Cloud Computing**

NPTEL — IIT Kharagpur

Learned in-depth cloud computing concepts under the guidance of **IIT Kharagpur faculty**, covering **virtualization, cloud architectures, distributed computing, and service models (IaaS, PaaS, SaaS)**.