

ANKUR KUMAR SINGH

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Education

Vellore Institute of Technology , B.Tech in Computer Science and Engineering CGPA: 8.04	August 2021 – June 2025
Mashrakh College , Senior Secondary Education (BSEB) percentage: 78.2	April 2019 - May 2020
Vidya Vihar Residential School , Higher Secondary Education (CBSE) Percentage: 82.33	April 2017 – June 2018

Technical Skills

Languages: C++, HTML, CSS, JavaScript, SQL

Technologies/Frameworks: React.js, Node.js, MongoDB, Express.js

Subjects: Object Oriented Programming (OOPs), Database Management System (DBMS), RESTful APIs

Experience

MERN Full Stack Internship , Ethnus	August 2023 – November 2023
<ul style="list-style-type: none">Engineered a dynamic To-Do List Management Application using Node.js, Express.js, and MongoDB, streamlining task administration and enhancing CRUD operations.Designed and implemented an interactive frontend using ReactJS, improving UI/UX principles, state management, and component-based architecture for a dynamic user experience.Completed 8+ full-stack projects, strengthening expertise in frontend-backend integration, RESTful API development, database management, cloud deployment, and performance optimization, enhancing overall system efficiency and scalability.	

Projects

TripTrace - Travel Journal Platform React.js, Node.js, MongoDB, Express.js, Bootstrap	May 2024
<ul style="list-style-type: none">Engineered "Travel Memories," a full-stack travel journaling platform enabling 100+ users to document their journeys, share experiences, and connect with fellow travelers through an interactive and user-friendly interface.Designed an intuitive UI with ReactJS and optimized MongoDB queries, enhancing travel log retrieval speed by 50% while ensuring a 100% responsive layout.Engineered a scalable backend using Node.js & Express.js, optimizing RESTful API performance to handle 100+ daily user requests and reduce latency by 30%.Enhanced security and scalability by implementing bcrypt.js for password hashing, JWT for authentication, and MERN stack best practices, optimizing CRUD operations, data flow, and overall system performance.Team project: 4 members Role: Fullstack Developer GitHub	
Evento - Event Management Platform React.js, Node.js, MongoDB, Express.js, Bootstrap	November 2023
<ul style="list-style-type: none">Developed "Evento," a venue booking platform streamlining reservations across 5+ event categories, improving booking efficiency and user experience.Implemented a highly responsive UI with ReactJS and CSS, improving event selection speed by 20% and UI responsiveness by 25%.Optimized MongoDB queries, improving venue storage & booking management efficiency by 35%Optimized backend performance with ExpressJS & Node.js, improving API response time by 50% for seamless venue bookings.Team project: 5 members Role: Frontend Developer GitHub	

Certifications and achievement

- AWS Certified Cloud Practitioner (AWS) – FEB 2024 | [Link](#)
- GirlScript Summer of Code (GSSoC) 2024: Accepted as a Contributor.

Coding Profile

- GFG:** Solved 300+ questions, ranked under 150 in college.
- Leetcode:** Solved 350+ questions, maintaining a streak of 300+ days.

Hobbies

- Listening to music
- Playing cricket & football