ANIMESH KUMAR CHOUDHARY

ac3394@srmist.edu.in | 7645990803 | 2026
B.Tech, Computer Science and Engineering - Internet of Things
Address : 5/4A, Ponnusamy street,Bharathi Salai,Ramapuram,
Chennai

Education

SRM IST-Ramapuram — 2026
B.Tech · Computer Science and Engineering - Internet of Things · Chennai, Tamil Nadu — CGPA - 9.2/10

A S S Patna Central School — 2021
Class XII - CBSE · MPC · Sudarshan Vihar, Patna, Bihar — Percentage - 66.2%

Radiant International school — 2019
Class X - CBSE · MPC · Khagaul Road, Patna, Bihar — Percentage - 84.2%

Skills

: JAVA, MySQL, HTML, CSS, JavaScript, React.js, Node.js, MongoDB, GIT/GITHUB, FIGMA

Projects

Real-Time Hazardous Gas Detection System — Feb 2025 - Mar 2025
· ESP8266, MQ Gas Sensor, Arduino IDE, Embedded C/C++, Wokwi Simulator, Wi-Fi Communication — Internet of Things

Developed an IoT-based hazardous gas detection system using MQ series sensors and an ESP8266 microcontroller.Monitored gas levels and provided real-time alerts by sending mobile notifications upon detecting hazardous gases.Integrated IoT communication to transmit sensor data to a mobile device for instant alerts.Enhanced system reliability and efficiency by fine-tuning sensor calibration and optimizing microcontroller programming.

E-Commerce Website | Link — Aug 2024 - Aug 2024
· React.js, Node.js, HTML, CSS — Web Development

Developed an e-commerce platform with features like user authentication, product filtering, and secure payments. Designed and implemented a dynamic product search and filtering mechanism for better user engagement. Built a robust back end using Node.js, ensuring smooth integration with MongoDB for data storage. Collaborated on responsive front-end components, improving usability on multiple devices.

CareConnect | Link — Mar 2025 - Mar 2025
· React.js, CSS, Axios, Vercel — Frontend Development

Built a fully responsive frontend for CareConnect using React.js, integrating Bajaj's external API to dynamically list doctors with real-time data. Implemented features like search by city, filtering by specialty, and clean card-based UI using Tailwind CSS for a seamless user experience. Utilized Axios for API calls and followed component-based architecture to ensure modular, maintainable, and scalable code.

Certifications

Programming with Java | Link — Oct 2023
NPTEL

Publications | Link — May 2025
IJRASET

Extra Curricular Activities

Management Head of Codezilla Club — Jul 2024 - May 2025
Led a 20+ member team to organize coding events and workshops, increasing participation by 30%. Oversaw planning, outreach, sponsorships, and mentored juniors in projects and leadership.