



ANIMESH KUMAR CHOUDHARY

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B.Tech, Computer Science and Engineering - Internet of Things

Address : 5/4A, Ponnusamy street, Bharathi Salai, Ramapuram, Chennai



Education

SRM IST-Ramapuram

B.Tech · Computer Science and Engineering - Internet of Things · Chennai, Tamil Nadu

2026

CGPA - 9.2/10

A S S Patna Central School

Class XII - CBSE · MPC · Sudarshan Vihar, Patna, Bihar

2021

Percentage - 66.2%

Radiant International school

Class X - CBSE · MPC · Khagaul Road, Patna, Bihar

2019

Percentage - 84.2%

Skills

Programming Languages: Java, C++, JavaScript

Languages and Frameworks: HTML, CSS, React.js, Node.js, MySQL, MongoDB

Tools and Technologies: 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.