

# Ashutosh Raj

Full Stack Developer

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## SUMMARY

A Computer Science student with a deep interest in full stack development. I enjoy the challenge of creating intuitive, high-performance web applications from concept to deployment. Converting concepts into real world applications is my bread & butter.

## TECHNICAL SKILLS

- **Frontend Technologies:** React.js, JavaScript, Tailwind CSS, Redux, Socket.IO
- **Backend & Database:** Node.js, Express.js ; MongoDB, Firebase, SQL
- **Developer Tools & Platforms:** Git, GitHub, Sentry, Vercel
- **CS Fundamentals:** Data Structures & Algorithms

## PROJECTS

### ➤ Real-Time Chat Application [\[Live Link\]](#)

*Architected and developed a full-stack, real-time chat application using the MERN stack*

- **Backend:** Engineered a robust RESTful API with Node.js and Express.js for user authentication, profile management, and message history. Utilized MongoDB for persistent data storage of user accounts and chat logs.
- **Frontend:** Designed and built a dynamic, responsive frontend with React.js and Tailwind CSS, featuring secure user login, profile customization with image uploads, and an intuitive chat interface.
- **Real-Time Features:** Implemented live communication using Socket.IO on the Node.js server, enabling instant message delivery, 'is typing' indicators, and live user online status updates.

### ➤ GDGC Official Website [GDGC MSIT](#)

- Took the lead in building the GDSC MSIT website from scratch, using pure HTML, CSS, and vanilla JavaScript to precisely translate our team's Figma designs into a fully responsive interface.
- Wrote clean, semantic HTML and crafted a responsive layout with CSS media queries to ensure the site worked flawlessly on all devices, from mobile to desktop.
- Implemented interactive elements and DOM manipulation with vanilla JavaScript, demonstrating a strong understanding of core web fundamentals without relying on a framework.

## LEADERSHIP & EXPERIENCE

### Core Team Member

Nov 2024 - Present

#### GDGC MSIT (Google Developer Groups)

- Led the **Web Development Team**, working on exciting technical projects and helping others learn along the way.

### CDP Team Member

Aug 2024 - Mar 2025

#### Hackerspace Club

- Held weekly sessions to break down tricky DSA problems, helping junior members build confidence for their coding interviews.

## EDUCATION

### Meghnad Saha Institute of Technology

Bachelor of Technology in Computer Science and Business Systems

GPA: 7.6 / 10.0

Kolkata, India

2022 - 2026