

# Ankush Verma

Full Stack Developer

📍 Jaipur, India    ✉ ankushv30052005@gmail.com    ☎ (+91) 7889198136    🌐 Portfolio-Website  
in /Ankush-Verma    📄 Ankush-verma-Source

## SKILLS

<b>Languages</b>	Java, JavaScript, C, Python
<b>Web Technologies</b>	MERN Stack (MongoDB, Express.js, React.js, Node.js), HTML, CSS, EJS
<b>Frameworks &amp; Libraries</b>	Socket.IO, Material UI, Bootstrap, Tailwind
<b>Databases</b>	MongoDB, MySQL
<b>Tools &amp; Platforms</b>	Git, GitHub, VS Code, Android Studio, Postman, Figma, Firebase, Netlify

## EDUCATION

<b>B.Tech/BE</b>	<b>Manipal University Jaipur, India</b>   Computer Science & Engineering • CGPA: 8.40 • <b>Coursework:</b> DSA, DBMS, Operating Systems, Computer Architecture, Computer Networks, Cryptography	2023 – 2027
<b>Class 12th</b>	<b>Kendriya Vidyalaya No.4 Mamun Cantt, Pathankot, Punjab</b>   (CBSE) • Percentage: 87.60% • PCM + Computer Science (98%)	2022 – 2023
<b>Class 10th</b>	<b>Kendriya Vidyalaya No.4 Mamun Cantt, Pathankot, Punjab</b>   (CBSE) • Percentage: 87.40%	2020 – 2021

## ACADEMIC PROJECTS

<b>Real-Time Chat Application</b>	<i>MERN Stack, Socket.IO, JWT, Material UI</i>
<ul style="list-style-type: none"><li>Engineered a full-stack MERN platform, reducing message latency by over 85% by implementing a WebSocket-based architecture with Socket.IO.</li><li>Architected a secure authentication flow using JWT, safeguarding user data for 100+ concurrent sessions against unauthorized access.</li><li>Implemented a robust message queuing system, guaranteeing 100% message delivery upon reconnection during network interruptions.</li><li>Ensured 99.9% service uptime and successfully load-tested the application to support over 200 concurrent users without message loss.</li></ul>	
<b>AI-Powered Content Generation Web App</b>	<i>Gemini API, Node.js, Express, EJS</i>
<ul style="list-style-type: none"><li>Orchestrated the integration of the Google Gemini API, automating the content workflow and decreasing content creation time by 95%.</li><li>Engineered a resilient backend with Node.js and Express, maintaining an average server response time of under 250ms.</li><li>Designed and implemented over 30 sophisticated prompts, enhancing the contextual accuracy of generated content by an estimated 50%.</li></ul>	
<b>Personal Portfolio Website</b>	<i>React.js, Tailwind CSS, Netlify</i>
<ul style="list-style-type: none"><li>Developed a fully responsive, single-page application to serve as a professional online presence, featuring a clean and intuitive UI.</li><li>Leveraged React for dynamic component rendering and Tailwind CSS for rapid, utility-first styling to achieve a modern aesthetic.</li></ul>	