

# Sneha Kumawat

LinkedIn: linkedin.com/in/snehakumawat12

GitHub: github.com/snehakumawat72

Email: snehakumawat72@gmail.com

Mobile: +91 74153 94891

## EDUCATION

<b>Vellore Institute of Technology</b>	October 2022 – May 2026
• <i>B.Tech in Computer Science and Engineering</i>	CGPA: 8.17
<b>The Himalaya Academy</b>	June 2021 – May 2022
• <i>Higher Secondary School</i>	82%
<b>Central India Academy</b>	July 2019 – May 2020
• <i>Secondary School</i>	82.8%

## TECHNICAL SKILLS

- **Languages:** C, C++, JavaScript
- **Web Technologies:** React.js, Express.js, Tailwind CSS, RESTful APIs, WebSockets (Socket.io)
- **Databases & Cloud:** MongoDB, MySQL, AWS (EC2, S3, Lambda), Load Balancing
- **Developer Tools & Concepts:** Git, GitHub, VS Code, Operating System, Networking

## EXPERIENCE

<b>Stellar8 Labs</b>	November 2024 – February 2025
• <i>Web Developer Intern</i>	<i>Indore, India</i>
<i>Project:silaagroup.com</i>	
<ul style="list-style-type: none"><li>○ Built responsive React.js components for Silaa Group's production website, implementing reusable UI patterns that reduced code duplication by 30% and accelerated feature development.</li><li>○ Integrated RESTful API endpoints with frontend interfaces, handling authentication flows and data synchronization while ensuring proper error handling and loading states.</li><li>○ Optimized database operations across MySQL/MongoDB, designing efficient schemas and query patterns that improved data retrieval speeds for high-traffic pages.</li><li>○ Maintained version control workflows using Git with branching strategies, conducted code reviews, and adhered to team coding standards to ensure deployable, production-ready code.</li></ul>	

## PROJECTS

<b>LSB Image Steganography</b>	Github 
• Engineered a C-based steganography implementing LSB encoding to embed and extract confidential text within BMP image files while preserving visual integrity and data accuracy.	
• Optimized bit-manipulation algorithms and low-level file I/O operations to achieve lossless data encoding with 100% decoding accuracy across various image sizes.	
• Designed modular architecture with separate encoding/decoding modules, implementing robust error handling for edge cases including file corruption and invalid data formats.	
<b>GenAI Full Stack Interview Assistant</b>	GitHub 
• Delivered AceBOT, an AI voice interview assistant with React.js, Vapi SDK for real-time speech, Firebase Authentication, and MongoDB, enabling personalized mock interviews across 6 technical domains.	
• Developed adaptive questioning logic generating context-aware follow-ups, improving session relevance by 25% based on user feedback.	
• Incorporated an NLP-based feedback engine to analyze user responses, deliver actionable insights, and track performance improvements across interview sessions.	

## ACHIEVEMENTS

- **Smart India Hackathon Qualifier:** Selected from 250+ teams for an innovative tech solution proposal.
- **IIT Roorkee Productathon (2nd Place):** Built a stock trading simulator in React.js; recognized for innovative UI/UX.
- **University Hackathon (Top 5 Rank):** Led a team of 4 to the finals, placing in the top 5 out of 200 teams in an 8-hour coding competition.

## LEADERSHIP & EXTRACURRICULAR

- **Operations Lead, Entrepreneurship Cell:**
  - Led operations for 10+ startup events and workshops, increasing participation by 45% and forging partnerships with 5+ venture firms.
  - Coordinated cross-functional teams for logistics, outreach, and resource planning across multiple flagship events.