

# Khushi Roy

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## EDUCATION

<b>Vellore Institute of Technology Bhopal University, Bhopal</b> <i>B.Tech, Department of Computer Science and Engineering</i>	<i>October, 2022 – Ongoing</i> <i>CGPA - 8.84</i>
<b>Seth Anandram Jaipuria, Ghaziabad</b> <i>Class XII Central Board of Secondary Education (CBSE).</i> <i>Class X Central Board of Secondary Education (CBSE).</i>	<i>April, 2008 – March, 2021</i> <i>Percentage : 95.4%</i> <i>Percentage : 96.6%</i>

## EXPERIENCE

<b>Frontend Developer Intern</b> <i>AKB Tech</i>	<i>October, 2024 – December, 2024</i> <i>Hyderabad, India (Remote)</i>
<ul style="list-style-type: none"><li>Designed &amp; optimized responsive UIs for the company's website and admin dashboards using <b>React.js</b>, <b>Tailwind CSS</b>, <b>Material UI</b>, and <b>Framer Motion</b>.</li><li><b>Optimized state management with Zustand and integrated OTPless authentication.</b></li><li>Enhanced website performance by <b>44%</b> through lazy loading, SEO &amp; code optimization, reducing page load time by 1.5 seconds.</li><li>Collaborated in regular code reviews with the team ensuring code quality, maintainability, and scalability.</li></ul>	

## PROJECTS

<b>FocusFlow</b>   <i>Javascript, Express.js, Gemini API</i>	<i>April, 2025</i>
<ul style="list-style-type: none"><li>Developed a <b>chrome extension</b> using JavaScript, integrating Gemini API for AI-powered <b>content summarization</b> (25K char limit) and <b>youtube video summarization</b>.</li><li>Built RESTful backend with Express.js, implementing rate limiting (10 req/min) and <b>Chrome Storage API</b> for data persistence.</li><li>Implemented features including website blocking system, todo list manager, and AI summarizer with 5 different summarization modes</li></ul> <a href="#">Github Link</a>   <a href="#">Live Link</a>	
<b>Talksy</b>   <i>React.js, Express.js, MongoDB, Socket.io, Zustand, TailwindCSS, DaisyUI</i>	<i>February, 2025</i>
<ul style="list-style-type: none"><li>Engineered a full-stack real-time chat application with <b>websocket integration</b> using <b>Socket.io</b>, implementing features like <b>real-time messaging</b>, user authentication (<b>JWT</b>) and message persistence.</li><li>Built a responsive UI with <b>10+</b> customizable themes, real-time <b>user status tracking</b>, image sharing via <b>Cloudinary CDN</b> and <b>user search functionality</b>.</li><li>Implemented a robust state management using <b>Zustand</b>; securing user data with <b>bcrypt</b> for password hashing.</li></ul> <a href="#">Github Link</a>   <a href="#">Live Link</a>	

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, C++  
**Database:** MongoDB, MySQL  
**Frameworks:** Express.js, React.js, Next.js  
**Developer Tools and Services:** Git, GitHub, Postman  
**Others:** TailWindCSS, ShadCN, Zustand

## ACHIEVEMENTS

- Advanced to **semi-finals of TCSCodeVita S12, 2024** and secured an **AIR of 6000**
- Successfully coordinated with a team of 6 for the **Smart India Hackathon, 2024 & 2023** clearing all 3 internal rounds of our college.
- Holding a **University Rank of 120 among 24,000+** students on **GeeksForGeeks** and peak contest rating of **1497 on LeetCode**.