

Khushi Roy

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EDUCATION

Vellore Institute of Technology Bhopal University, Bhopal <i>B.Tech, Department of Computer Science and Engineering</i>	<i>October, 2022 – Ongoing</i> <i>CGPA - 8.84</i>
Seth Anandram Jaipuria, Ghaziabad <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

Frontend Developer Intern <i>AKB Tech</i>	<i>October, 2024 – December, 2024</i> <i>Hyderabad, India (Remote)</i>
<ul style="list-style-type: none">Designed & optimized responsive UIs for the company's website and admin dashboards using React.js, Tailwind CSS, Material UI, and Framer Motion.Optimized state management with Zustand, reducing re-renders by 30%, and integrated OTPlless authentication, cutting login time by 40%.Enhanced website performance by 44% through lazy loading, SEO & code optimization, reducing page load time by 1.5 seconds.Collaborated in regular code reviews with the team ensuring code quality, maintainability, and scalability.	

PROJECTS

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

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**.