

Dheeraj Singh Chauhan

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Education

B.Tech in Computer Science

Vellore Institute of Technology University, Bhopal

CGPA: 8.15 | 2026

12th Standard - CBSE

Saraswati Academy, Haldwani, Nainital

Percentage: 86% | 2021

10th Standard - CBSE

Saraswati Academy, Haldwani, Nainital

Percentage: 91% | 2019

Work Experience

Frontend Development Intern

Formac Software Services Ltd.

Jan 2025 – Apr 2025

Raipur, India

- Worked as a Frontend Developer building responsive UI components using React.js, HTML, CSS, and JavaScript
- Improved user engagement by 25% through UI/UX enhancements and performance optimizations
- Collaborated with cross-functional teams in agile sprints and code reviews to deliver scalable frontend features

Projects

CollabSphere

2024

ReactJS, CSS, JavaScript, MongoDB, Node.js, Passport.js / GitHub

- Led the frontend development of a student collaboration platform, resulting in a faster team formation process compared to traditional outreach methods
- Engineered over 15 reusable, responsive UI components using ReactJS and CSS, ensuring seamless cross-device compatibility
- Engineered RESTful APIs using Node.js and Express, facilitating secure user authentication, profile management, and team formation while reducing server response time
- Streamlined user flows with conditional rendering and optimized routing, reducing bounce rate during onboarding by 30%
- Implemented Passport.js for secure user authentication and enhanced privacy, reducing unauthorized access attempts
- Achieved 30+ project listings within the first two weeks of internal testing

NoteNest

2023

Next.js, Tailwind CSS, Convex, Clerk Authentication / GitHub

- Built a full-stack note-taking application supporting markdown, media uploads, and public publishing; reached 50+ notes during the internal testing phase
- Developed a responsive UI using Tailwind CSS and Next.js, achieving high performance and accessibility across multiple devices
- Implemented Clerk Authentication with JWT-based secure routing, reducing unauthorized access attempts to 0 during testing
- Enabled rich-text editing using Tiptap with support for headings, links, images, and code blocks, improving engagement by 40%
- Integrated Convex for real-time syncing and ensured consistent 300ms latency for all note-saving operations

Technical Skills

Programming Languages: C++, Python, JavaScript, TypeScript

Frontend Technologies: HTML, CSS, Tailwind CSS, ReactJS, Next.js

Backend Technologies: Node.js, Express.js

Databases: MySQL, MongoDB

Tools: Git, Vercel, Figma

Additional Information

Achievements: Contributed to 7+ open-source repositories during Hacktoberfest 2025;

Secured 75th Global Rank in Hack The Box Cyber Apocalypse CTF

Leadership: Event Management Team Member, Freelancing Club (2024) – Coordinated the Freelance Arena event

Languages: English, Hindi (Native)

Interests: Open Source Contribution, Cricket, Badminton, Swimming, Culinary Exploration