DIVYAM SINGH DUHOON

CSE Undergrad at NIT Hamirpur

Hamirpur, Himachal Pradesh, India

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PROFILE

I am a full-stack developer with a strong focus on the **MERN** stack, where I enjoy building complete web applications that are both functional and intuitive. ***On the frontend, I work with React.js and Tailwind CSS to create responsive, engaging interfaces, while on the backend I use Node.js, Express.js, and MongoDB to design scalable and secure systems***. My projects reflect a balance between performance and user experience, from dynamic platforms to real-time applications. Beyond just coding, I see web development as a way to solve real problems and create products that people genuinely find useful.

EDUCATION

❖ **National Institute of Technology Hamirpur** .... Jan 2024 — Dec 2028
Bachelor of Technology - BTech, Computer Science

❖ **Prince Academy of Higher Education** .... Jan 2023 — Dec 2024
Higher Secondary Education, Mathematics

❖ **The Air Force School Jamnagar** .... Jan 2021 — Dec 2022
Matriculation, General Studies

SKILLS

MERN Stack	Canva
HTML5	Python
CSS3	C++
JavaScript (ES6)	Team Collaboration
Bootstrap	Leadership
Tailwind CSS	Event Execution
ejs	Communication
Git	npm
GitHub	Chrome DevTools
Figma	

BACKGROUND

❖ **Engineering Student, National Institute of Technology Hamirpur** .... Aug 2024 — Present
Hamirpur

Secured 98.97 percentile in JEE Mains, earning admission to NIT Hamirpur in the prestigious CSE branch. Studying at NIT Hamirpur, I continue to refine my technical and creative skills, blending code, design, and innovation to build impactful solutions.

- Built and deployed **4+ projects** including a real-time Sign-to-Speech translator and a full-stack Hostel platform.

- Contributed to **3 technical societies/teams** (CSEC, E-Cell, Team Technical), collaborating with **15+ peers** on tech and event initiatives.
- Actively exploring **DSA and Competitive Programming**, solving **100+ problems** across platforms to strengthen problem-solving skills.
- Designed and launched a **personal portfolio website (divyamsingh.me)** to showcase skills and projects, leading to recruiter and community outreach.

❖ Associate, Manager,E-Cell
Nov 2024 — Present
Hamirpur

Member of E-Cell at NIT Hamirpur, promoting entrepreneurial thinking while building skills in leadership, management, and innovation in tech-driven ventures.

- Organized and supported 2+ **entrepreneurial events** engaging over **500 students** across campus.
- Coordinated with a team of **4 members** to manage logistics, technical support, and outreach.
- Strengthened leadership and management skills by handling event execution under tight deadlines.

❖ Junior Executive, CSEC NITH
Nov 2024 — Aug 2025
Hamirpur

Past member of the CSE Committee at NIT Hamirpur, contributing to tech initiatives while sharpening sfiills in web development, UI/UX, problem-solving, and team collaboration.

- Strengthened UI/UX design and problem-solving skills through hands-on society events.

❖ Executive, Team Technical NITH
Jan 2025 — Present
Hamirpur

As a member of Team Technical, I manage technical and backstage operations for college events, ensuring smooth execution while strengthening my skills in tech, teamwork, and crisis management.

- Handled **technical operations and backstage management**, ensuring smooth coordination under high-pressure scenarios.
- Collaborated with a team of **20+ members** to manage logistics, event setups, and live technical requirements.
- Strengthened teamwork, adaptability, and problem-solving skills by addressing real-time technical challenges during events.

PROJECTS

❖ Bridge The Gap
Mar 2025 — Aug 2025
NIT Hamirpur

An AI-powered system that translates Indian Sign Language (ISL) into real-time text and speech, empowering individuals with speech and hearing impairments. Designed to be affordable, fast, and inclusive, it bridges communication gaps in non-accessible environments— eliminating the need for human intermediaries and expensive tools.

- Built and tested a real-time ISL-to-speech system with 90% accuracy on 30 signs, enabling smoother communication for individuals with speech and hearing impairments. Successfully reduced the need for human assistance and made the solution affordable and accessible for everyday use.

❖ Portfolio Site
Apr 2025 — Apr 2025
NIT Hamirpur

A personal portfolio that showcases my journey as a frontend developer and UI/UX designer. Built with HTML, Tailwind CSS, JavaScript, and Figma, it highlights my key projects, skills, and passion for creating clean, user-focused digital experiences.

- Launched a personal portfolio at divyamsingh.me to showcase my technical skills, projects, and design work—resulting in increased visibility, stronger personal branding, and successful outreach from recruiters, collaborators, and tech communities.

❖ Himadri All-in-one Platform
Aug 2025 — Present
NIT Hamirpur

HBH Website – A full-stack college community platform built to simplify daily operations such as ID card scanning, entry logging, and event management. Developed with React.js, Tailwind CSS, and modern web practices, it emphasizes responsive design, secure data handling, and a smooth user experience for both students and administrators.

- This platform will directly benefit 500+ students, saving an estimated 100+ hours of paperwork every month, reducing manual errors by 60%, and improving communication efficiency by 3x. A step toward a smarter, more transparent hostel experience.

❖ Blogging Platform .... Jul 2025 — Present
<div align="right">NIT Hamirpur</div>

Blogging Platform – A personal full-stack MERN blogging application currently under development, aimed at showcasing projects, writing blogs, and integrating seamlessly with my portfolio.