



**Harshit Pandey**  
Bachelor of Technology , 2025  
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## EDUCATION

| Degree           | Institute          | Board / University  | CGPA/Percentage | Year      |
|------------------|--------------------|---------------------|-----------------|-----------|
| B.Tech           | IIT BHU , Varanasi | National University | 7.86            | 2021-2025 |
| Senior Secondary | Chinmaya Vidyalaya | CBSE                | 91.6%           | 2021      |
| Matriculation    | Chinmaya Vidyalaya | CBSE                | 95%             | 2019      |

## INTERNSHIP

### • Blue Stock Fintech

June 2024 - July 2024

Full Stack Developer Intern

- Developed Interface and Components: Designed usefull components, User Interfaces and efficient state management by **React Hooks** as per the task assigned using **ReactJS** and other UI libraries like **Daisy UI**, and **Tailwind CSS** for responsiveness.
- Designed Secure Backend: Implemented secure user authentication and session management using **JWT** token stored in **HttpOnly** cookies on the server-side, effectively safeguarding against **XSS** attacks improving overall application security.
- Integrated UX Functions: Introduced password recovery functionality using **NodeMailer**, enabling password change option.

## PROJECTS

### • Chatify | Real time Flirt Web-application

A fully functioning chat-flirt-app with secure messaging fuctionality.

Chatify Link

- Developed a feature-rich Flirt Application using **MERN** stack and **Socket.IO**, enabling real-time messaging between users, and integrated a secure password hashing using **BcryptJS** to facilitate security and **token** based verification.
- Integrated **Gemini API** for flirt suggestions based on chat history, online status tracking with **Tailwind CSS** and **DaisyUI**.
- Implemented **JWT** authentication with **HTTP**-only cookies, protected routes, and message state management using **Zustand**.

### • AI Translator | Web-App build on integration of Gemini api key

Demo Link

A Online platform along with google auth functionality

- Built an image translation web application using the **MERN** stack and **Gemini API**, allowing users to upload images using **multer**, containing text in **Hindi** or **English** for automatic translation after successfully surpassing the **google auth**.
- Implemented a prompt-driven system triggering the Gemini API after image upload,to extract text, and translates it to the **opposite language** (**Hindi** → **English** or **English** → **Hindi**) null response is generated if the text is in another language.
- Displayed the translated result as fully **editable text** in the UI, enhancing user experience by enabling real-time content updates and improved accessibility.

### • DSATUT | Self built web-app for tracking prograss in coding problems

DSATUT Link

A Web App store where you can practice and bookmark important DSA questions.

- Built entire backend efficiently using **NodeJS**, **ExpressJS** writing all the API logic for authentication for accessing .
- Designed Frontend using the **DaisyUI**, **Tailwind** and **Vite** enhancing the user interface and presenting the list of questions along with practice link and solution, and bookmark option. Extracted the data from the JSON file and presented it .
- Implemented secure Password recovery function using **Nodemailer**, sending the reset link active just for 5 minutes.

## SKILLS

• **Programming Languages:** C, C++, SQL, HTML, CSS, JavaScript

• **Tools, Libraries and Databases:** VS Code, GitHub, Postman , React , Daisy UI, ExpressJs, MongoDB, MySQL

• **Areas of Interest:** Data structures & Algorithms, Competitive Programming, Web Development, OOPS, DBMS, OS

## POSITIONS OF RESPONSIBILITY

### Volunteer, BloodConnect | TECHNEX '22

Jan'22-Mar'22

IIT(BHU), Varanasi

- Led successful blood donation initiatives by organizing camps, coordinating logistics, and managing donor registrations while collaborating with medical professionals to ensure safety protocols.
- Promoted donations which lead to a significant increase of **380+** donor registrations with post-donation care and incentives.

### Student Liaison Officer | G20 India

- Coordinated communication between delegates across **20** countries and the committee, resolving issues to ensure operations.
- Introduced delegates to IIT(BHU) laboratory and provided information about machinery, and supercomputers.

## ACHIEVEMENTS AND EXTRA-CURRICULAR

- Ranked top **3 percentile** in JEE Main'21 and secured AIR of **11916** with zero gap year in JEE ADVANCED'21
- Rated **4 star** on **GFG** with maximum rating of **1844** and solved **700+** questions across different platforms.
- Rated **3 star** on **CodeChef** with present best rating of **1604+** and ranked **269** Globally in Starter 165.
- As a Sports enthusiast , Participated and won **Intra Mining Cricket tournament** organised by the Mining Society **IIT BHU** amongst **8** teams.
- Portfolio Link