Harshit Pandey
Bachelor of Technology , 2025
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EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech	IIT BHU , Varanasi	Public Central University	8.15	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 chat web-application**
  A fully functioning chat-app with secure messaging fucntionality.   Chatify Link
  – Developed a feature-rich Chat 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.
  – Created a responsive UI for real-time online status tracking using **Tailwind CSS** and **DaisyUI**, enhancing user experience.
  – 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 progess 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 enthuciast , Participated and won **Intra Mining Cricket tournament** organised by the Mining Society **IIT BHU** amongst **8** teams.
- Portfolio Link