Harshit Pandey

Bachelor of Technology , 2025
Mining Engineering
IIT BHU Varanasi

+91-8210988091
harshit.student.min21@itbhu.ac.in
GitHub
LinkedIn

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech	IIT BHU , Varanasi	Public Central University	8.15	2021-Present
Senior Secondary	Chinmaya Vidyalaya	CBSE	91.6%	2021
Matriculation	Chinmaya Vidyalaya	CBSE	95%	2019

INTERNSHIP

- **Blue Stock Fintech**   *May 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

- **ChatVerse | Real time chat-application**
  A fully functioning chat-app with secure messaging fucntionality.
  - Developed a feature-rich Chat Application using **MERN** stack and **Socket.IO**, enabling real-time messaging between users, and integrated a secure password recovery system using **NodeMailer** to facilitate email-based **password reset** and 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 session management using **Zustand**.

- **ProShopMart | E-Commerce Web-App**
  A Online Shopping platform along with admin functionality
  - Developed a responsive e-commerce web-app using the **MERN** stack and **Bootstrap**, for responsiveness and user experience.
  - Implemented **Redux Toolkit** for state management, enabling dynamic updates for **shopping cart**, **products** and **orders**.
  - Enhanced security with **JWT** token-based authentication and **HttpOnly** cookies, while integrating **PayPal API** for secure payment processing, **admin** functionality for content management with a **rating** and **review** feature for user feedback.

- **Book Library**
  A Book store app to keep a track of books and author
  - Built efficient **RESTful API** endpoints with **ExpressJS** and **NodeJS** for handling book creation, updation and deletion.
  - Implemented validation and error handling for smooth API operations, using Postman for API testing .

SKILLS

- **Programming Languages**: C, C++, SQL, HTML, CSS, JavaScript
- **Tools, Libraries and Databases**: VS Code, GitHub, Postman , React , Redux ToolKit, ExpressJs, MongoDB, MySQL
- **Areas of Interest**: Data structure & Algorithms, Competitive Programming, Web Devlopment, 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 **Knight** on Leetcode with maximum rating of **1800+** and solved **650+** questions receiving a **100** day badge.
- Rated **3 star** on **CodeChef** with present best rating of **1617** and ranked **328** 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.