


Priyanshu Choudhary

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SUMMARY

Aspiring Software Engineer with a focus on web development and embedded systems. Proficient in multiple programming languages and experienced in developing personal and academic projects. Currently pursuing a B.E. in Computer Science Engineering with a strong academic record.

SKILLS

- ❖ **Web Development:** HTML, CSS, JavaScript, NodeJs, Express Js, EJS.
- ❖ **Database Management:** MongoDB
- ❖ **API & Backend Integration:** API Integration, RESTful APIs
- ❖ **Programming Languages:** Python, C, C++
- ❖ **Data Structure & Algorithm:** Skilled in designing, implementing, and optimising algorithms and data structures.
- ❖ **Machine Learning:** Beginner (currently learning)
- ❖ **Tools & Platform:** VS Code, Sublime Text, Arduino IDE, Git, Postman

EDUCATION

- ❖ Computer Science Engineering | Chandigarh University SGPA: 8.32(Current)
(Expected Graduation: 2027)
- ❖ XII (CBSE) | Oxford Public School 91%| 2021

EXPERIENCE

- ❖ **Personal Project:** TravelMate (*Project Expo 2025 Finalist*)
 - **Description :** A travel partner matching website for college students with AI-based recommendations using the Llama model API. Includes secure CUCHD.in email authentication, dynamic traveler search, and a responsive UI.
 - **Technologies :** NodeJs, ExpressJs, MongoDB, EJS, TailwindCSS & JavaScript.
 - **Key Features:** Search for matching travellers, AI-based traveler recommendations using Llama model API, Only CUCHD.in emails are allowed for registration, Secure authentication system(Signup/Login required).
- ❖ **Personal Project:** Internship Form Processing System (*January 2025 – February 2025*)
 - **Description :** A web-based system for students to submit internship forms in PDF format. The system validates the file type, processes it using OCR, and extracts key details for the internship department.
 - **Technologies Used :** Node.js, Express.js, MongoDB, Multer, pdf2pic, Sharp, Microsoft Azure OCR(API), llama model API, EJS, TailwindCSS & JavaScript.
 - **Key Features:** PDF validation, error handling, PDF-to-image conversion, enhanced OCR accuracy with grayscale, handwriting recognition using Microsoft Azure OCR, and text extraction saved as .txt.

❖ **Personal Project:** E-commerce Website (*In Progress*)

- **Description :** Developing a full-stack e-commerce platform with user authentication, product listing, cart management, and secure checkout. Focused on creating a dynamic, responsive, and user-friendly interface.
- **Technologies Used:** Django, Sql, HTML, TailwindCss & JavaScript.
- **Key Features:** User authentication, product search & filtering, cart & wishlist management, order processing, and responsive design.

❖ **Personal Project:** Portfolio Website

- **Description :** A personal portfolio website showcasing projects and skills with a "Connect" feature that allows users to send messages, which are stored in a database.
- **Technologies Used:** NodeJs, ExpressJs, MongoDB, EJS, CSS & JavaScript.
- **Key Features:** Dynamic Content Display, Responsive Design, EJS Templating, Backend Integration, Clean User Interface
- **Link:** <https://myportfolio-ttu2.onrender.com/>

❖ **Academic Project:** Unmanned Drone (*January 2024 – May 2024*)

(January 2024 - May 2024)

- **Project Description:** Developed an unmanned aerial vehicle (drone) using Arduino as the central control unit.
- **Technologies and Components Used:** Arduino Uno, MOSFET IRFZ44N, DC Coreless Motor Lithium Polymer Battery, Arduino IDE.

❖ **Some Other Personal Projects**

- **Simple Voice Assistant** – Python-based Simple Voice Assistant.
- **StudyBuddy** – Frontend Project using HTML, TailwindCss and JS.
- **Spotify Web Player Interface** – Frontend Project using HTML, CSS and JS.
- **Netflix Home Page Clone** – Frontend design using HTML, CSS, and JS.
- **Twitter Clone** – Frontend replication with modern UI components

ACHIEVEMENTS:

- **Project Expo 2025 Finalist** – Advanced to Round 3 with the TravelMate project.
- **Unmanned Drone Project Finalist** – Led a team to the final round.
- Shortlisted for **ATMECS Global GEN AI Hackathon** by HackerEarth.
- Built & Deployed Full-Stack Projects.
- API Integration Experience

HOBBIES:

- Robotics and IoT projects
- Competitive Coding
- Cooking
- Badminton