

SURAJ CHAUDHARY

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Summary

Full-stack software developer with expertise in designing and implementing web applications. Proven ability to enhance user experience and optimize functionality, demonstrated through successful project outcomes.

Technical Skills

- **Languages:** C, C++, Python.
- **Frontend:** HTML, CSS, JavaScript, React, Tailwind CSS, TypeScript.
- **Backend:** Node.js, Express.js, TypeScript.
- **Databases:** MongoDB, MySQL.
- **Coursework:** Data Structures and Algorithms (DSA), Database Management Systems (DBMS), Object-Oriented Programming (OOP), Operating Systems (OS), Computer Networks (CN).

Projects

- **TaskZ (Link) - (Github Repo)** – Task Management Web Application June 2025
Tech Stack: MongoDB, Express.js, React, Node.js
 - Developed a full-stack task management app supporting user authentication, task creation, completion tracking, and profile management.
 - Implemented RESTful APIs for CRUD operations and real-time task updates.
 - Designed an intuitive UI with features for filtering, searching, and categorizing tasks.
- **NoteIn (Link) - (Github Repo)** – Note Taking Web Application April 2025
Tech Stack: MongoDB, Express.js, React, Node.js
 - Built a feature-rich note-taking platform with tagging, search, and autosave capabilities.
 - Enabled persistent storage and real-time updates using a robust backend API.
 - Enhanced productivity with a clean, responsive interface and user-friendly design.
- **SnakeRush (Link) - (Github Repo)** – Web-based Game February 2025
Tech Stack: HTML, CSS, JavaScript
 - Designed and developed a classic Snake game with smooth controls and dynamic difficulty.
 - Implemented collision detection, scoring, and responsive design for cross-device compatibility.
 - Added sound effects and visual feedback to enhance user engagement.
- **EzPasskeys (Link) - (Github Repo)** – Password Manager Web App November 2024
Tech Stack: HTML, CSS, JavaScript
 - Built a secure password manager for storing and retrieving encrypted passwords locally in the browser.
 - Implemented password strength checking, random password generation, and form validation.
 - Focused on privacy, clean UI/UX, and usability without backend dependencies.

Positions of Responsibility

- **Co-lead of PR Team – Fine Arts Society** July 2024 – Current
Led event promotions, implementing targeted marketing strategies which increased event participation by 40% and boosted overall engagement across digital platforms.
- **Group Representative** January 2024 – June 2024
Facilitated communication between students and faculty, resolving 95% of student concerns and enhancing collaboration during class activities and fostering a more inclusive and productive academic environment.

Education

- **Dr. B.R. Ambedkar National Institute of Technology, Jalandhar** November 2022 – Present
Bachelor of Technology in Industrial and Production Engineering Current CGPA: 7.4