

JATIN DHIMAN

Chandigarh, India

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EDUCATION

University Institute of Engineering Technology, Panjab University

Bachelor of Engineering, Computer Science & Engineering

CGPA: 8.47

Chandigarh, India

Nov 2022 - May 2026

Coursework: Data Structure & Algorithms, Database Management Systems, Computer Networks, Operating Systems, Object-Oriented Programming, Software Engineering, Computer Graphics, Compiler Design, Data Analysis.

SKILLS

Languages C, C++, Python, JavaScript

Databases MySQL, MongoDB

Others Bash, Markdown

Frameworks ReactJS, NodeJS, ExpressJS

Tools Linux, Postman

PROJECTS

Blog-App (Node.js, React, Express, MongoDB)

[Live](#) | [Github](#)

- Built a full-stack blogging platform using the MERN stack with JWT authentication, role-based access control, and Cloudinary integration for media management.
- Leveraged Redux Toolkit, React Router, and Tailwind CSS to create a responsive UI; integrated Nodemailer for secure email verification and account activation workflows.
- **Features:** User authentication, email verification, blog creation/editing/deletion, rich-text editing, image uploads, protected routes, likes/dislikes, bookmarks, nested comments, follow/unfollow system, user profiles, and blog search.

ColorPro (ReactJS, Redux Toolkit, Firebase)

[Live](#) | [Github](#)

- ColorPro is a web app that helps users choose colors for their projects, built with Redux Toolkit, React Router, Firebase, and React Colour Thief for color extraction from images.
- **Features:** Explore colors, generate from images, save favorites.

Joystore (React, Redux Toolkit, React Query, Axios, Tailwind CSS)

[Live](#) | [Github](#)

- Created a modern e-commerce platform using React, employing Redux Toolkit for state management, React Query for optimized data fetching, and Axios for robust API communication.
- Enhanced interaction with Toastify notifications, interactive Swiper carousels, and smooth navigation via React Router.

OS Algorithm Simulator (C++, File Handling, OOP, Data Structures)

[Github](#)

- Engineered a simulator for core Operating System algorithms, including CPU Scheduling, Memory Management, Page Replacement, Deadlock Detection, and Disk Scheduling.
- Implemented a menu-driven interface with file handling to store and retrieve simulation data, facilitating clear visualization of algorithm outcomes.

ACHIEVEMENTS

🏆 **LeetCode** - [jatin121dhiman05](#)

- Solved **500+** coding problems on LC, showcasing expertise in algorithms and data structures.
- Earned **365 Days Coding Badge** for the consistency.

🏆 **GeeksForGeeks** - [jatin121k6po](#)

- Solved **200+** coding problems, honing skills in algorithms and data structures.

🐧 **linux** | Created a comprehensive [documentation](#) on linux commands, demonstrating expertise in system operations and command-line tools.

👤 **Javascript** | Completed 46.5 hours long course on [Udemy](#) of javascript fundamentals and projects by john smilga

🗄 **SQL** | Earned [HackerRank](#) Intermediate SQL Certificate, showcasing strong skills in SQL queries, joins, aggregations.