

Karan Singh Pal

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SKILLS

- **Languages:** C, C++, Java, JavaScript, HTML+CSS, Python
- **Frameworks:** ReactJs, Angular, Bootstrap, NodeJS, ExpressJS
- **Tools/Platforms:** VS Code, Git, GitHub, MySQL, MongoDB, PostgreSQL
- **Soft Skills:** Problem-Solving, Self-Learning, Presentation, Adaptability, Project Management

PROJECTS

Book Management System (MERN Stack)

April 2024- May 2024

Developed a full-stack book management system using **MongoDB, Express.js, React.js, and Node.js**.

Implemented **CRUD operations** for adding, updating, deleting, and retrieving book records.

Designed a **responsive UI** for seamless user experience.

Used **RESTful APIs** for efficient data handling.

Notes Application

June 2024- July 2024

Developed a Notes Application using the MERN stack with features like note creation, editing, and deletion.

Implemented user authentication, real-time updates, and local storage for seamless user experience. Optimized backend with Node.js and MongoDB to ensure fast and secure data handling. Tech: MongoDB, ExpressJS, NodeJS, Postman, and ReactJS

E-Commerce

January 2024-April 2024

Designed a responsive interface using React.js and integrated secure backend APIs.

Engineered robust data validation protocols, reducing security vulnerabilities by identifying critical issues within the first month.

Implemented user authentication, payment gateway services, and performance optimizations for an enhanced user experience.

Tech: MongoDB, Express JS, React JS, Node JS and Postman

CERTIFICATES

- Full Stack Development using MERN Stack by CipherSchools June 2024 – July 2024
- Server side JavaScript with NodeJS by NIIT with Coursera February 2024 – April 2024
- HTML, CSS and JavaScript for Web Developers by John Hopkins University January 2024 – April 2024
- The Bits and Bytes of Computer Networking January 2023 – February 2023

ACHIEVEMENTS

- **Completed a Project Of Notes Application by CipherSchools** July 2024
- **Participated in Online quiz on Cyber Hygiene Practices** December 2023
- **NSS Volunteer (August 2022 – Present) - Organized social events such as blood donation camps, plantation drives**

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.00 Since August 2022
- **Mahavir Inter Collage** Jalaun, Uttar Pradesh
Intermediate; Percentage: 74% - April 2020
- **Mahavir Inter Collage** Jalaun, Uttar Pradesh
Secondary; Percentage: 83.5% - March 2018

