

Karan Rai

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SKILLS

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

TRAINING

• **CipherSchools**

Jun 2024 - Jul 2024

MERN Stack Developer

- About:** Completed comprehensive training in MERN Stack Development, covering MongoDB, Express.js, React.js, and Node.js.
 - Developed full-stack projects like a Notes App using CRUD operations, user authentication, and REST APIs.
- Tech stacks used:** MongoDB, Express.js, React.js, Node.js, and Github.

PROJECTS

• **N-Queens Visualiser**

Jan-Apr 2024

Developed an interactive N-Queens Problem Visualizer using HTML, CSS and Java Script, showcasing efficient algorithms to solve and visualize the placement of N queens on an NxN chessboard without conflicts.
Implemented an intuitive user interface allowing step-by-step simulation and real-time visualization of various solutions, enhancing problem-solving understanding and algorithmic efficiency.
Tech: HTML,CSS,JS

• **Hospital Management System**

Aug - Dec 2024

Enhanced data security with role-based access control for administrators, doctors, and patients.
Developed a Hospital Management for efficient patient and doctor records.
Integrated features like patient registration, appointment scheduling, medical records management, and billing.
Tech: HTML+CSS, Java script, and PHP

• **Notes Application**

Jun - Jul 2024

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

CERTIFICATES

• Cloud Computing by NPTEL

Jul – Oct 2024

• Full Stack Development using MERN Stack by CipherSchools

Jun – Jul 2024

• Decode DSA with JAVA by PW Skills

Feb – Apr 2024

• Bits and Bytes by Coursera

Jan – Apr 2024

ACHIEVEMENTS

• **Achieved Problem Solver – Silver Badge:**

Feb 2024

◦ For solving 300+ question on Leetcode

• **Earned Python, and C++ Badges:**

Feb 2023

◦ For Solving 100+ question on HackerRank

EDUCATION

Lovely Professional University

Punjab, India

Since August 2022

Sant Atulanand Convent School

Varanasi, UP

April 2020 - March 2022

St. John's School

Varanasi, UP

April 2019 - March 2020

Secondary; Percentage: 93.5%