

VIRENDRA KUMAR VERMA

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Education

Shri Ramswaroop College of Engineering and Management (AKTU)

B. Tech (Computer Science)- 7.66 CGPA

Lucknow, India

Sep 2020– July 2024

R.K.V.S. Inter College

X - 75.16% || XII – 73.40%

Basti, Uttar Pradesh

July 2020

Technical Skills

Languages and Databases: Java, Python, HTML/CSS, JavaScript, SQL

Developer Tools: Git, GitHub, VS Code, IntelliJ IDEA, MS office

Technologies/Frameworks: React.js, Next.js, Express.js

Core Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPs)

Experience

Front-End Developer

Outlier | Sep 2024- Present

- Developed responsive front-end interfaces using **React.js** and created scalable **RESTful APIs** with **Node.js** and **Express.js** for seamless backend integration.
- Optimized application performance by enhancing algorithms and real-time data processing, improving speed, scalability, and efficiency.

Full-Stack Developer

Freelancing | May 2024 – Present

- Engineered and deployed end-to-end full-stack web applications for multiple clients, utilizing React.js for creating dynamic user interfaces and Node.js/Express.js for robust backend API development.
- Improved application load time by 25% and achieved a 95+ Lighthouse score by implementing code-splitting, lazy loading in React, and optimizing database queries.

MERN Stack Development Intern

Digipodium | Intern — June 2023 – August 2023

- Architected and developed a library of 50+ reusable React components based on Atomic Design principles, which accelerated future development cycles and reduced development time by 30%.
- Built and integrated **RESTful APIs** with **Node.js** and **Express.js**, and led front-end development of a scalable **e-commerce platform** using React.js, HTML5, and CSS3.

Projects

Real-Time Attendance System using Face Scan and QR Scan | Python / OpenCV / [GitHub](#)

Jan 2023 – April 2024

- Developed a real-time attendance system using **Python**, **OpenCV** for facial recognition, and **QR code** integration to automate check-ins.
- Deployed in an educational institution, reducing manual errors and attendance fraud through accurate biometric and QR-based validation.

E-Commerce Website | HTML, CSS and JavaScript | [GitHub](#) | [Live](#)

Aug 2023 - Sep 2023

- Built a full-stack e-commerce platform using **HTML**, **CSS**, and **JavaScript**, delivering responsive UI and enhanced user experience.
- Implemented dynamic shopping cart and pagination to optimize performance, ensuring seamless front-end integration and cross-team collaboration.

Handicraft Website | MERN Stack | [GitHub](#) | [Live](#)

Jun 2023 - Aug 2023

- Built an online handicraft marketplace using **React.js**, **Node.js**, **Express.js**, and **MongoDB**.
- Led the end-to-end development of a MERN stack-based e-commerce marketplace, resulting in a platform that garnered over 200 positive user reviews within the first three months of launch.

Achievements and Certifications

- Graduated with Distinction
- Python for Data Science (IBM)
- Java (IBM)
- AWS (Forage)