

Vivek Kumar Verma

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SUMMARY

Full-Stack Developer skilled in building scalable and responsive web applications using the **MERN stack**. Experienced in **real-time systems**, **secure authentication**, **RESTful APIs**, and **UI optimization**. Passionate about solving real-world problems through clean, efficient code and collaborative development.

EDUCATION

Roorkee Institute of Technology 2022 – 2026
Bachelor of Technology in **Computer Science** Roorkee, Uttarakhand

EXPERIENCE

Cognifyz Technologies (Virtual) Remote
Full Stack Development Intern Aug 2025 – Sep 2025

- Worked on full-stack web development using the **MERN stack (MongoDB, Express.js, React.js, Node.js)**.
- Collaborated on real-world projects involving frontend and backend integration.
- Applied modern UI principles, **RESTful APIs**, and **responsive design** practices.

TECHNICAL SKILLS

Languages: C + +, JavaScript, Python
Frameworks: React, Node.js, Material-UI, Tailwind CSS
Databases: MongoDB, MySQL
Other Technologies: Git, REST, Render, Vercel, WebSockets

PROJECTS

Authentication System (Node.js, Express.js, MongoDB, JWT, bcrypt) April 2025 – June 2025

- Developed a secure user registration and login system.
- Implemented **role-based access control** and protected routes using **JWT tokens**.
- Handled user sessions, token expiration, and refresh logic for better security.
- Integrated form validation and error handling for robust user interaction.

Chat Application (MongoDB, React, Node.js, Express.js, Socket.io) Aug 2025 – Oct 2025

- Developed a full-stack **real-time chat application** with React frontend and Node.js backend.
- Implemented **WebSocket** communication using **Socket.io** for instant messaging and notifications.
- Added user authentication with **JWT** and **MongoDB** for secure login and message storage.
- Designed responsive chat UI with real-time updates and active user indicators.

E-Commerce Website (React.js, Node.js, Express.js, MongoDB, Tailwind CSS) Dec 2024 – Feb 2025

- Designed and developed a fully **responsive e-commerce platform**.
- Implemented product listings, search, filters, cart, and checkout functionality.
- Used reusable components and **React hooks** for dynamic UI rendering.
- Backend APIs handled product data, user orders, and authentication.

CERTIFICATIONS & ACHIEVEMENTS

Python for Data Science – IBM (2023)

- Earned IBM certification covering Python programming, data analysis, and visualization.
- Gained hands-on experience using **NumPy**, **Pandas**, and **Matplotlib** for real-world data analysis tasks.

C Programming Certificate – IIT Bombay (2023)

- Completed certification through **Spoken Tutorial**, IIT Bombay, gaining practical programming and problem-solving skills.
- Built a strong foundation in **C syntax**, **control structures**, and **memory management**.