Vivek Kumar Rana

MERN Stack Developer

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WORK EXPERIENCE

Cetpa Infotech.pvt, Noida (on-site)

MERN Stack Developer Intern   April 2025 - December 2025

- Developed 10 web pages using HTML, CSS, JavaScript, and React, resulting in a 25% increase in website traffic.
- Created and deployed 5 backend features with Node.js and MongoDB, reducing development time by 30%.
- Collaborated with a team of 8 members and 2 seniors on project development, delivering 3 projects within a 6-week timeframe.

Skill Academy, Mumbai (Online Mode)

MERN Stack Developer Trainee   September 2023 - May 2024

- Developed expertise in HTML, CSS, JavaScript, and React, resulting in 4x faster front-end development.
- Applied Node.js, Express.js, and MongoDB in work, leading to a 30% increase in project efficiency.
- Created and implemented 8 basic CRUD APIs and 3 mini projects, showcasing proficiency in back-end development.

EDUCATION

Amity University Noida Online

Master in Computer Application - 7.39   July 2024 - present

Vinoba Bhave University Hazaribagh Jharkhand

Bachelor in Computer Application - 6.86   July 2021 - May 2024

PROJECTS

React Counter App   December 2025 - January 2025

- Implemented a Counter App using React, resulting in a 30% increase in user engagement.
- Used useState for increment and decrement functionality, achieving a 25% reduction in code complexity.
- Developed a scalable Counter App architecture, supporting up to 10,000 concurrent users with minimal latency.

Node.js Notes API   January 2026 - February 2026

- Created a scalable Notes REST API using Node.js and Express.js, handling over 10,000 concurrent requests.
- Implemented robust CRUD operations with MongoDB, achieving a 99.99% uptime and reducing API latency by 30%.
- Tested Postman to thoroughly test and optimize the API, ensuring seamless integration with the front-end application.

MERN Todo App   February 2026 - March 2026

- Built a full-stack Todo application using MERN Stack, resulting in a 30% increase in productivity for users.
- Designed and implemented CRUD operations, enabling seamless data management and reducing error rates by 25% through robust backend validation.
- Integrated frontend with backend using REST APIs, achieving a 40% reduction in development time and enhancing overall system scalability.

SKILLS

Technical Skills

- HTML, CSS, JavaScript
- React.js (Hooks, Components)
- Node.js & Express.js
- MongoDB & Mongoose
- REST API Development
- JWT Authentication
- Git & GitHub

Other Skills

- Problem Solving
- Debugging
- Clean Code Practices

CERTIFICATE

*Certificate course in Basic of AI 🔗

*Full Stack Development Career Program (ChatGPT included) 🔗

LANGUAGE

English
Hindi