

VISHAL KUMAR

Bachelor Of Computer Application

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INTERNSHIP EXPERIENCE

GeeksForGeeks | 3 Months

09/2024 - 11/2024

- Developed expertise in MERN stack technologies, including HTML, CSS, JavaScript, React.js, Node.js, Express.js, and MongoDB, through hands-on project experience.
- Worked under the guidance of a seasoned mentor with over 12 years in the software industry, receiving training in industry-standard practices for **full-stack development**.
- Developed responsive web applications utilizing the MERN stack, achieving a 30% reduction in load times through optimized code and effective front-end/backend integration strategies that enhanced user experience.
- Collaborated closely with mentor in real-time debugging sessions resulting in identification and resolution of 4 significant performance bottlenecks affecting system efficiency prior to project deliveries during peak timelines.
- Revamped error handling protocols and database indexing strategies to improve application responsiveness tools implemented are now utilized by over 12 developers, ensuring consistent performance during high-traffic periods

SKILL

- Programming Languages** : HTML , CSS , Reactjs , Nodejs , Expressjs , MongoDB , Payment Gateway , Integration, RESTful APIs, Data Optimization, JavaScript, Redux Toolkit , Context API
- Tools** : Visual Studio Code , Git version control, Github

PROJECT

1. Food ordering website using MERN stack

- Built a responsive and user-centric interface using React.js, incorporating reusable components and optimized workflows with React Hooks like useMemo and useCallback and prevent
- Orchestrated the transition to Redux Toolkit for state management, which improved code maintainability and efficiency; reduced development time on feature updates by 20%, allowing for faster release cycles and enhanced product offerings.
- Designed and styled the application using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and a seamless user experience.
- Engineered robust RESTful APIs that seamlessly integrated front-end applications with back-end services, achieving a consistent response time of under 200 milliseconds for data requests and enhancing overall user satisfaction.
- Utilized MongoDB for database management, leveraging aggregation pipelines for advanced data filtering and analytics.
- Ensured secure payment transactions by integrating a robust payment gateway solution.

Education

Tulsidas Inter College High School	Gorakhpur, India 07/2016 - 06/2018
Tulsidas Inter College Intermediate	Gorakhpur, India 07/ 2018 - 06/2020
KIPM College of Management Bachelor of ComputerApplication (BCA)	Gorakhpur, India 08/ 2021 - 07/2024

ACHIEVEMENTS

- Championed cross-collaboration within the five-member development team; facilitated presentations that addressed critical feedback from judges, ultimately leading to improved user engagement in subsequent projects by addressing key usability issues
- Campus hackathon Registration and manage the Management 90% accuracy and team Lead.
- Got first rank in national science exhibition held in silicon valley of *India (Bengaluru)* over 2000 students in 2020 for reducing 20% carbon emission produced by transport vehicle.