

Vishal Nagar

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EDUCATION

Diploma. Computer Science & Engineering
RGPV UNIVERSITY

Bhopal, IN | June 2023

Persuing. a Bachelor of Technology (B.Tech) in Information Technology
RGPV UNIVERSITY

Bhopal, IN | Nov 2023

WORK EXPERIENCE

X-INNOVATION CODE STACK | REACT DEVELOPER

Indore, IN | Sep 2024 – Present

- Designed and developed **high-performance, responsive user interfaces** using **React.js**, ensuring seamless cross-device compatibility.
- Integrated and optimized **RESTful APIs** for dynamic data fetching, enhancing application speed and efficiency.
- Managed application state efficiently using **Context API** and improved performance with **custom hooks, lazy loading**, and optimized component re-renders.

THE MSD IT SOLUTIONS LLP | JUNIOR WEB DEVELOPER

Indore, IN | Nov 2023 – Sep 2024

- Hands-on experience with **Docker** for container orchestration, **Redis** for caching, and **VPS hosting** for scalable deployments.
- Extracted and integrated data using **Puppeteer** and **Cheerio**, enabling seamless **web scraping** for data-driven applications.
- Designed and implemented **10+ RESTful APIs**, optimizing frontend-backend communication and improving application responsiveness.

UNIVERSAL INFORMATICS | MERN STACK DEVELOPMENT INTERN

Indore, IN | July 2023 – Oct 2023

- Excelled in a 6-month MERN Stack Development internship at Universal Informatics, mastering the design and implementation of **full-stack web applications**. Leveraged **MongoDB**, **Express.js**, **React.js**, and **Node.js** to develop scalable solutions, create RESTful APIs, optimize database performance, and enhance frontend efficiency, ensuring seamless user interactions.

PROJECTS

CODECRISP 

REACT, NODE, EXPRESS, MONGODB, TAILWIND

Developed a comprehensive coding practice platform inspired by **LeetCode**, enabling skill development for software engineers. Implemented **OAuth2** for secure authentication, optimized **API performance** to reduce response time by 20%, and boosted **user engagement** by 30% through **gamification features**.

XERITE 

REACT, NODE, EXPRESS, MONGODB, PUPPETEER

Engineered **Xerite**, a robust platform enabling users to seamlessly replicate, customize, and deploy websites under personalized domains in real-time. Integrated **advanced automation tools** to streamline website personalization, enhance **user branding**, and deliver tailored web solutions. Optimized real-time **web scraping** processes using **Puppeteer** and **Cheerio**, ensuring efficient extraction and rendering of dynamic content.

NIVASS 

REACT, REDUX-TOOLKIT, NODE, EXPRESS, MONGODB

Empowering users to find their ideal room or flat for rent through a **user-friendly platform** by streamlining the search process efficiently, enhancing **user experience** with integrated accommodation and food options, and enabling residential providers to offer curated rooms and apartments exclusively for **student lodging**.

SKILLS

Languages: HTML/CSS, JavaScript, Mongodb, Redis, SQLite

Frameworks: React.js, Node.js, Express.js, Electron.js, Tailwind CSS, Bootstrap

Developer Tools: Git, Github, Docker, Postman, VS Code, Figma

Platforms: Linux, Windows, Mac