

# Harshal Khapekar

<https://portfolio-harshal-khapekars-projects.vercel.app>

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## SKILLS

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<b>Languages</b>	C, C++, HTML5, CSS3, JavaScript, ES6, SEO
<b>Frameworks</b>	React.js, Node.js, Express.js, TypeScript, ReactNative, Material UI, Tailwind CSS
<b>Databases</b>	MongoDB, MySQL
<b>Tools</b>	Git, GitHub, GitHub Desktop, MongoDB Compass, MongoDB Atlas, Postman
<b>Soft Skills</b>	Time Management, teamwork, Leadership

## EXPERIENCE

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### NKB Quantum Labs Pvt. Ltd., NAGPUR

Oct 2024 – Present

*Front End Developer*

- Developed and deployed scalable web applications using MongoDB, Express.js, React.js, and Node.js (MERN) stack.
- Designed and optimized database schemas, improving query performance and data retrieval efficiency.
- Implemented interactive onboarding user guides using Driver.js, enhancing user experience and product adoption.
- Built responsive UI components with React.js and TailwindCSS, ensuring cross-device compatibility.
- Integrated RESTful APIs for secure communication between front-end and back-end services.
- Collaborated with team members using Git & GitHub for version control and agile development practices.
- Participated in code reviews, testing, and debugging, ensuring high code quality and maintainability.

### Technology World Creator Pvt. Ltd., NAGPUR

April 2024 – Sep 2024

*Front End Developer intern*

- Developed web application using MongoDB, React.js, Express.js and Node.js.
- Worked on front-end features, created, onboarding user guides with Driver.js, and focused on database design and optimization on the back-end.
- Designed and enhanced user interfaces with Tailwind CSS, focusing on responsive design and improved UX/UI consistency across the platform.
- Integrated RESTful APIs to ensure seamless communication between front-end and back-end systems.
- Collaborated with a team using Git/GitHub for version control.

## PROJECTS

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### Coinguard

*React.js, Tailwind CSS, Express.js, Node.js, MongoDB Atlas, GitHub, Hostinger, Render*

- Developed a crypto-focused web platform that provides real-time tracking, analysis, and insights into crypto currencies.
- Implemented UI components with Tailwind CSS for seamless user experience.
- Integrated third-party cryptocurrency APIs (such as CoinGecko/CoinMarketCap) to fetch real-time market data, including live prices, charts, and market trends.
- Implemented interactive data visualizations using Chart.js/Recharts to display price fluctuations, portfolio performance, and historical crypto analytics.
- Implemented secure user authentication (JWT-based login system) and dynamic routing using React Router.
- Created RESTful APIs for managing classes, students, and schedules using Node.js & Express.
- Integrated MongoDB Atlas for scalable and optimized data storage, including user activity and crypto data.
- We have used the git repository for version control and code check in/out Identified and managed.
- Deployed and managed the application on Hostinger and Render, ensuring uptime and performance reliability.

## **BiyNest**

*React.js, Tailwind CSS, Express.js, Node.js, MongoDB, GitHub, Vercel, Render*

- Developed a full-stack service-based IT company website showcasing services, portfolio, and client contact modules using the MERN stack.
- Designed a modern, responsive, and user-friendly interface with React.js and Tailwind CSS to enhance the overall UX/UI experience.
- Built and integrated RESTful APIs with Express.js and Node.js to manage dynamic content and streamline communication between client and server.
- Implemented MongoDB database for storing client inquiries and service data, ensuring secure and efficient data handling.
- We have used the git repository for version control and code check in/out Identified and managed.
- Deployed the website using Vercel (frontend) and Render (backend) and reliable performance across platforms.

## **Lovely Classes**

*React.js, Tailwind CSS, Express.js, Node.js, MongoDB Atlas, GitHub, Hostinger, Render*

- Developed a full-features online learning platform for a coaching institute with student registration, course management, and video integration.
- Implemented UI components with Tailwind CSS for seamless user experience.
- Implemented secure user authentication (JWT-based login system) and dynamic routing using React Router.
- Created RESTful APIs for managing classes, students, and schedules using Node.js & Express.
- Utilized MongoDB Atlas for scalable and reliable document-based storage, with Mongoose ODM for data modeling.
- We have used the git repository for version control and code check in/out Identified and managed.
- Deployed the application using Hostinger and Render, ensuring high availability and performance.

## **FashionHub**

*React.js, Tailwind CSS, Express.js, Node.js, MongoDB, GitHub, Vercel, Render*

- Developed a full-stack e-commerce website for fashion and lifestyle products using the MERN stack, replicating features inspired by Amazon and Flipkart.
- Designed an intuitive and responsive UI using React.js and Tailwind CSS, ensuring a seamless shopping experience across all devices.
- Integrated product listings, search, and filtering functionality, allowing users to easily browse and find products by category, price, and brand.
- Implemented secure user authentication and authorization using JWT, including sign-up, login, and protected user routes.
- Built a cart and checkout system with dynamic quantity updates and order management using Express.js and MongoDB.
- Deployed the application on Vercel (frontend) and Render (backend) with GitHub for version control, ensuring continuous integration and smooth deployment workflow.

## **EDUCATION**

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### **Masters in Computer Application**

*Tulsiramji Gaikwad Patil College of Engineering & Technology, Nagpur*

**(7.74 CGPA)**

*2023 – 2025*

### **Bachelor of Computer Application**

*Kamla Nehru Mahavidyalaya, Nagpur*

**(84.48%)**

*2019 – 2022*