

Vishal Vishwakarma

📞 747-074-6275 ✉ vishal.vishwakarma.dev@gmail.com [🌐 LinkedIn](#) [🐙 GitHub](#)

Education

Mahakal Institute of Technology and Management, R.G.P.V., Ujjain, India

2022-Present

Master of Computer Application (MCA) — (7.4 CGPA)

Ujjain, INDIA

Advance Science and Commerce College, Vikram University, Ujjain, India

2018-2021

Bachelor of Computer Science (BSC-CS) — (7.7 CGPA)

Ujjain, INDIA

Kalidas Vidya Niketan, Soyat Kalan, MP, India

2017-2018

Higher Secondary XII (MPBSE) — (83%)

Soyat Kalan, INDIA

Saraswati Vidya Mandir, Soyat Kalan, MP, India

2015-2016

Secondary X (MPBSE) — (88%)

Soyat Kalan, INDIA

Projects

Travel-Go: Travel Application / [HTML](#), [CSS](#), [JS](#), [Node.js](#), [React.js](#), [Express](#), [MongoDB](#)

Project Link [🔗](#)

- Engineered "Travel Go," a travel app similar to Airbnb, using React.js and CSS; developed features for trip planning, property booking, and listings, reducing development time by 30%.
- Implemented client-side routing with **React Router DOM** and created RESTful APIs using **Express.js** and MongoDB for efficient data management and server-side operations.
- Integrated **JSON Web Tokens (JWT)** for session management, reducing unauthorized access attempts by 50% and enhancing overall application security.
- Employed **bcrypt** for **secure password hashing**, boosting data security and lowering breach vulnerability by 60%.
- Integrated **Cloudinary** and **Express File Upload**, reducing image upload times by 40% and enhancing media management.

Story-Network / [React.js](#), [Express.js](#), [MongoDB](#), [Node.js](#), [Tailwind CSS](#)

Project Link [🔗](#)

- Designed a full-stack blog application utilizing Node.js and Express.js for **RESTful API development**, and React.js with Tailwind CSS for a responsive, component-based frontend architecture.
- Architected **MongoDB schemas** with input validation and error handling, ensuring 98% data integrity in CRUD operations and reducing data entry errors by 35%.
- Deployed the application on **Render**, automating **CI/CD pipelines** and managing environment configurations for seamless integration of frontend and backend services.
- Crafted a **responsive design** with Tailwind CSS, achieving a seamless user experience across 15+ devices and increasing design consistency by 30%.

Crypto-Watch / [HTML](#), [CSS](#), [JavaScript](#), [React.js](#), [Web API](#), [Chart.js](#)

Project Link [🔗](#)

- Developed a cryptocurrency tracking application with **React.js** and Web API, handling real-time data for 90+ cryptocurrencies.
- Leveraged **Chart.js** for responsive charts, enhancing visualization of cryptocurrency trends with a 20% increase in data readability and user interaction.
- Designed a personalized watchlist feature to monitor selected cryptocurrencies with real-time updates, enhancing user engagement.
- Enhanced **UI/UX** by building a fully responsive and intuitive user interface with **Tailwind CSS**, improving user satisfaction by 25% and achieving 95% cross-device accessibility.

Skills

Technical Skills: Full Stack Development

Programming Languages: C, C++, JavaScript, HTML, CSS

Frameworks and Libraries: React.js, Node.js, Express.js, MongoDB, Redux, Tailwind CSS, Chart.js

Tools and Technologies: Git/GitHub, Postman, Cloudinary, RESTful APIs, JSON Web Tokens (JWT)

Databases: MongoDB, SQL

CourseWork: Data Structures and Algorithms, OOPs with C++, Database Management System, Operating System