

# Vishal Vishwakarma

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[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

## Education

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

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

**2022-2024**

*Ujjain, INDIA*

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

*Bachelor of Computer Science (BSC-CS) — (7.4 CGPA)*

**2018-2021**

*Ujjain, INDIA*

**Kalidas Vidya Niketan, Soyat Kalan, MP, India**

*Higher Secondary XII (MPBSE) — (83%)*

**2017-2018**

*Soyat Kalan, INDIA*

**Saraswati Vidya Mandir, Soyat Kalan, MP, India**

*Secondary X (MPBSE) — (88%)*

**2015-2016**

*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