



# Ritik Prajapat


My portfolio 

Bachelor of Technology

Shri Vaishnav Vidhyapeeth Vishwavidyalaya, Indore

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 GitHub Profile

 LinkedIn Profile

## EDUCATION

### • Bachelor of Technology in Computer Science and Engineering

2021-25

Shri Vaishnav Vidhyapeeth Vishwavidyalaya, Indore

7.6

## PERSONAL PROJECTS

### • Socially

A social media platform that allows users to share thoughts and manage posts.

- Implemented a session-based authentication system for secure user interactions.
- Utilized **Django** for backend development, ensuring robust performance and scalability.
- Designed a responsive and modern user interface using **Tailwind CSS** and **Daisy UI**.
- Enabled users to create, edit, and delete posts, enhancing user engagement and content management.

### • Tour App

A web-based application enabling users to plan and book tours.

- Integrated **JWT-based authentication** for secure user sessions and data protection.
- Implemented features for users to comment and share their tour experiences.
- Used **React.js** for frontend development, providing a dynamic and interactive user experience.
- Leveraged **Express.js** and **MongoDB** for backend and database management, ensuring efficient data storage and retrieval.

### • Pomodoro App

A productivity web application designed to enhance user productivity using the Pomodoro technique.

- Integrated **Redux Toolkit** for state management, ensuring smooth and responsive app performance.
- Developed a **Progressive Web Application (PWA)**, allowing users to install and use the app offline.
- Utilized **React.js** for the frontend and **Tailwind CSS** for responsive UI design.
- Focused on user experience by implementing timers, task management, and productivity tracking features.

### • Acme Dashboard

A web-based dashboard application for managing invoices and customer data.

- Enabled CRUD operations for efficient management of invoices and customer records.
- Designed a user-friendly interface using **Tailwind CSS** and **Next.js** for seamless navigation and performance.
- Applied **Zod** for form validation, ensuring data integrity and reducing errors.
- Enhanced the app's scalability and maintainability by leveraging Next.js for **server-side rendering** and routing.

### • OTP based login system

An OTP-based login system, enabling secure user authentication via email.

- Integrated **SendGrid** to automate OTP delivery, ensuring reliable and timely email communication.
- Implemented **JWT tokens** for secure session management and data protection.
- Built with **React.js** for the frontend and **Express.js** for backend processing.
- Utilized **MongoDB** for data storage, ensuring efficient and scalable database management.

## EXPERIENCE

### • Software Development Intern

Mar - June 2024

Code Inbound LLP

Remote

- **Tested** and identified bugs in web applications, ensuring a high-quality user experience by fixing UI defects.
- **Developed reusable chart components**, improving code maintainability and efficiency for future projects.
- **Integrated API responses** to dynamically display data, enhancing the application's functionality and user interaction.
- **Collaborated** with the development team to implement new features and optimize existing ones, contributing to the overall project success.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** Python, Javascript, PHP, Java, HTML+CSS.

**Libraries :** Python Libraries, ReactJS, ExpressJS, TailwindCSS.

**Web Dev Tools:** Nodejs, VScode, Git, Github, Docker.

**Frameworks:** NextJs, Django.

**Cloud/Databases:** MongoDb, MySQL, Postgres.

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Testing.

**Areas of Interest:** Web Design and Development, Linux, Automation.

**Soft Skills:** Problem Solving, Self-learning, Adaptability