

Vaibhav Solanki

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EDUCATION

Vellore Institute of Technology, Bhopal

Master of Computer Applications

July 2024 – Present

Infozone Group Of Institute, Indore

Bachelor of Computer Applications

July 2021 – June 2024

TECHNICAL SKILLS

Backend: Node.js, Express.js, Mongoose, JWT-based Authentication, RESTful APIs

Frontend: React.js, HTML5, CSS, Bootstrap, Material-UI, JavaScript

Database: MongoDB, MySQL

Tools & Technologies: Postman, Git, API Documentation

PROJECTS

WanderLust | *Node.js, Express.js, MongoDB, EJS*

[GitHub](#) | [Live Demo](#)

- **Project Description:** WanderLust is a full-stack travel accommodation booking platform where users can list, search, and book stays, with 15+ listings and 50+ test users.
- Built secure user login and role-based access control using Passport.js, managing 50+ test user sessions.
- Implemented full CRUD operations with form validations and error handling, reducing failed submissions by 85%.
- Connected to MongoDB Atlas for persistent storage and integrated Cloudinary with Multer for managing over 100 image uploads.
- Implemented Joi to enforce strict backend validation rules, ensuring clean and consistent input data.

Patient Appointment System | *React.js, Firebase, Material-UI*

[GitHub](#) | [Live Demo](#)

- **Project Description:** A web-based patient appointment booking system designed to manage doctor schedules and allow patients to book appointments from home.
- Integrated Firebase Authentication to enable secure role-based login for hospital staff and patients, with 100+ login instances.
- Stored and retrieved real-time data in Firestore for 5–10 doctors and 80+ appointments.
- Displayed schedules using FullCalendar in React, supporting interactive appointment booking.
- Built the user interface with Material-UI to ensure clarity, usability, and mobile responsiveness.

CO-CURRICULAR ACTIVITY

Participant – Innov Mind Expo 2025

Vellore Institute of Technology, Bhopal

- Presented the **Garden Revival System**, a community-driven web platform aimed at restoring neglected gardens through citizen collaboration.
- Showcased features such as real-time garden adoption, volunteer scheduling, and visual tracking for over 10+ garden areas.
- Engaged with 100+ visitors including faculty, students, and industry professionals, collecting feedback for feature improvements.
- Refined public speaking and interpersonal skills while explaining both the technical stack and social relevance of the project.
- **GitHub:** github.com/Vaibhavvvvvvvv/garden-rivival

CERTIFICATIONS

- Certificate of Completion - Full-Stack MERN (Apna College)
- Postman API Fundamentals Student Expert (Postman)
- JavaScript Certification Test (KGCoding by Prashant Sir)
- React and Redux Certification Test (KGCoding by Prashant Sir)