

Imran Ali

MERN STACK DEVELOPER

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PROFESSIONAL SUMMARY

B.Tech Computer Science and Engineering graduate and entry-level MERN Stack Developer with hands-on experience building and deploying responsive, full-stack web applications using React.js, Node.js, Express.js, and MongoDB. Skilled in RESTful API development, JWT authentication, role-based access control, real-time synchronization with Socket.IO, and responsive UI development. Experienced with Git-based workflows and deployment using Vercel, Render, Netlify, and MongoDB Atlas.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python (Bigner)

Frontend: React.js, Tailwind CSS, HTML5, CSS3, React Router, Context API, Axios

Backend: Node.js, Express.js, RESTful APIs, Socket.IO, JWT, bcrypt.js, GitHub API

Database: MongoDB, MongoDB Atlas, Mongoose

Tools & Deployment: Git, GitHub, Postman, VS Code, Vercel, Render, Netlify

Operating System: Windows, Linux, MacOS

Core Concepts: CRUD, Authentication & Authorization, Role-Based Access Control, WebSockets, API Integration, Responsive Design

PROJECTS

LibMaster - Library Management System | *MERN Stack, Tailwind CSS, Socket.IO* |   **2026 - Present**

- Built a full-stack library management platform for books, members, issue requests, returns, notifications, and user profiles with separate Admin and Student workflows.
- Implemented JWT-based authentication, bcrypt password hashing, protected React routes, and backend role-based access control for secure API operations.
- Developed RESTful APIs and Mongoose data models for books, users, transactions, and notifications, with inventory validation and Pending, Issued, Returned, and Rejected workflows.
- Integrated Socket.IO to broadcast successful database mutations and refresh connected clients, enabling real-time synchronization across active sessions.
- Implemented persistent cross-device unread notification tracking using MongoDB notification timestamps and per-user last-seen state.
- Deployed the React frontend and Node.js/Express backend using Vercel and Render with MongoDB Atlas, using environment-based API configuration.

GitHub Profile Finder | *HTML5, CSS3, JavaScript, GitHub API* |  

- Built a responsive web application that searches public GitHub profiles and displays developer details, repositories, and profile information using the GitHub API.
- Implemented asynchronous API requests, dynamic rendering, mobile-friendly UI, and user-friendly error handling for invalid or unavailable usernames.

ATM Management System | *React.js, Vite, JavaScript, Context API* |  

- Built an interactive ATM simulation with PIN authentication, balance inquiry, cash deposit and withdrawal, PIN change, and transaction statement features.
- Used React Context API for shared account state and developed a responsive, component-based interface for smooth navigation across banking operations.

EDUCATION

B.Tech in Computer Science and Engineering | **Bhopal Institute of Technology & Science, Bhopal**

2025

Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV) | **CGPA- 7.32**

Relevant coursework: Data Structures & Algorithms, Database Management Systems, Web Development