

RAJ TOMAR

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Professional Summary

Aspiring **Full-Stack Developer (MERN)** with experience in designing and deploying **scalable web applications, REST APIs, and cloud-based solutions**. Skilled in **frontend development (React.js, Next.js)** and **backend development (Node.js, Express.js, MongoDB, MySQL)** with strong knowledge of **data structures, algorithms, and object-oriented programming**. Adept at working in **Agile/Scrum environments**, optimizing workflows, and delivering **secure, responsive, and performance-driven applications**. Passionate about solving real-world problems through technology.

Education

- **Shri Vaishnav Vidyapeeth Vishwavidyalaya (SVVV), Indore**
B.Tech in Computer Science and Engineering — CGPA: 7.12 2022 – 2026
- **S.D. Prajapati Academy H S School, Indore**
Higher Secondary School — Percentage: 81.2% 2021
- **Malaw Bharti Bal Mandir High School, Indore**
High School — Percentage: 80.2% 2018

Projects

- Task Flow System — MERN Stack** 2025
– Developed a role-based task management system using **React.js, Node.js, Express.js, and MongoDB**, enabling Admins to assign tasks and Employees to update task status.
– Implemented **JWT authentication** and dashboards, reducing task update time by **40%**.
– Optimized MongoDB schema design to support **50+ concurrent users**, ensuring smooth workflows.
– Deployed application on **cloud platform (Render/Vercel)** for real-time access.
- Expense Tracker — Python** 2024
– Built a responsive web app to **log, categorize, and summarize expenses**, helping users improve budgeting by **25%**.
– Automated expense reports with visualization and optimized database queries for fast insights.
- Virtual Assistant — HTML, CSS, JavaScript** 2024
– Created a **voice-enabled assistant** executing 15+ commands including search, reminders, and navigation.
– Enhanced user interaction with responsive UI and reduced manual search effort by **30%**.

Skills

- **Programming Languages:** C, C++, Java, Python, JavaScript, SQL
- **Frontend:** HTML, CSS, React.js, Next.js, Tailwind CSS
- **Backend:** Node.js, Express.js, REST API
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, VS Code, Postman, Cloud Deployment (AWS, Render, Vercel)
- **Soft Skills:** Problem Solving, Teamwork, Communication, Leadership, Adaptability, Time Management

Certifications

- Cloud Computing – **NPTEL**, 2024
- Database Management System – **NPTEL**, 2024
- Data Science for Engineering – **NPTEL**, 2025