Raj Verma

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EDUCATION

Madhav Institute of Technology and Science   CGPA: 7.47
Bachelor of Technology in Mathematics and Computing   *Aug 2021 – June 2025*

TECHNICAL SKILLS

Programming Languages: Java, JavaScript/TypeScript, SQL

Frontend Development : React.js, Redux, HTML, Tailwind CSS, Bootstrap

Backend Development : Node.js, Express.js, NestJS, REST API development

Databases: MongoDB, MySQL, PostgreSQL

Tools : Git, GitHub, Docker, VS Code, Postman

EXPERIENCE

Backend Developer Intern   Aug 2025 – Oct 2025
Codes For Tomorrow   *Onsite*
- Developed and optimized **RESTful APIs** for a betting application, improving API response time by **30%** through query optimization and caching.
- Designed and implemented scalable **database schemas using Prisma ORM**, reducing redundant queries and boosting reliability.
- Collaborated in code reviews, debugging, and workflows ensuring smooth production rollouts.

Web Developer Intern   Feb 2025 – Apr 2025
NullClass   *Remote*
- Built and integrated **secure backend APIs** with **JWT-based authentication** to manage user sessions for full-stack applications.
- Optimized MongoDB queries, improving **data retrieval speed by 25%** in core application features.
- Worked in a **team** to enhance existing features and ensure **cross-team collaboration** on deployments.

PROJECTS

WanderStay - Discover and Rent Tourist Accommodations   Explore
Full-Stack Project
- Built a **travel accommodation platform** using **MongoDB, Express, Node.js, and EJS**.
- Implemented **secure user authentication and session management**, enabling property owners to list rentals and travelers to leave reviews.
- Created modular **REST API routes** and server-side rendering with EJS, reducing page load times by **20%**.
- Deployed on **Render/Vercel** for production readiness.

Chit Chat - Real-Time Chat Application   Explore
Full-Stack Project
- Real-time messaging app using **React, Node.js, Socket.io, and MongoDB** supporting **instant communication across devices**.
- Ensured mobile-friendly **responsive UI with Styled Components**, boosting user engagement.
- Implemented **scalable chat history storage** and optimized socket connections to handle **500+ concurrent users**.

CERTIFICATIONS

- **NPTEL** Completed the course of **Internet of Things** —Link

- **Google Cloud Study Jam :** relevant for **cloud deployment, DevOps, and scalable apps**. —Link