

# Rajnath Singh Tomar

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Full Stack Developer with hands-on experience designing and deploying scalable web applications and a strong understanding of browser and backend system behavior. Experienced in Node.js, Express.js, and MongoDB, having delivered real-world platforms including StayMania, Campus Library Management, and Saachi-A Milk Delivery System.

## Skills

- **Languages:** C++, JavaScript, Python
- **Backend:** Node.js, Express.js, REST APIs
- **Frontend:** React, Next.js, HTML, CSS, Tailwind CSS
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Tools & Platforms:** Git, GitHub, Docker, Postman, Vercel, Render
- **Core Concepts:** Data Structures, Algorithms, System Design, Browser Internals

## Projects

### StayMania || Full Stack Web Application || [GitHub](#)

*Node.js, Express.js, React, MongoDB, Cloudinary, Mapbox, Render*

- Built and deployed a full-stack booking platform featuring secure authentication, **role-based access** and responsive user interfaces.
- Implemented **CRUD** workflows and optimized database queries to improve booking efficiency and user navigation.
- Integrated Cloudinary for **media handling** and Mapbox for geolocation-based property listings.

### Saachi-A Milk Delivery System || Full Stack Web Application || [GitHub](#)

*React, Node.js, Express.js, MongoDB, JWT, Tailwind CSS*

- Designed and deployed a complete milk delivery management platform with customer management, delivery tracking, automated billing, and analytics dashboards.
- Implemented secure **JWT**-based authentication with role-based access, bulk delivery operations, payment tracking, and invoice generation workflows.
- Built scalable **REST APIs** and optimized MongoDB schemas to support daily delivery records, area-wise organization, and real-time business insights.

### Personal Portfolio Website || Full Stack Web Application || [GitHub](#)

*React, Node.js, Cloudinary, MongoDB, Framer Motion, Tailwind CSS, Vercel*

- Built a high-performance personal portfolio with secure **role-based access control** and dynamic content management.
- Achieved a **Lighthouse mobile score of 73** with **FCP 2.6s and LCP 5.7s** by optimizing client-side rendering, efficient asset delivery, code splitting, and performance-focused frontend optimizations.

## EXPERIENCE & HACKATHONS

- Finalist at Navonmesh'25, a national-level civic-tech hackathon held at SSIPMT Raipur. Our team developed JanBudget, a transparency-driven public budgeting platform, where I contributed to backend development.
- Participated in multiple national-level hackathons, including Smart India Hackathon (2025) selected at university level in top 5, contributing to solution design and on-ground implementation support.

## EDUCATION

### Bachelor of Technology in Information Technology

[2023 – 2027]

Institute of Technology, Guru Ghasidas Vishwavidyalaya (A Central University)

Relevant Coursework: Data Structures & Algorithms, System Design, Computer Networks.

## CERTIFICATIONS

- Full Stack Web Development Certification – Apna College.