

# SATISH KUMAR YADAV

Software Developer | MERN Stack Developer | Backend Engineer

Bengaluru, Karnataka, India

+91-6206897705 [satishkumaryadav.dev@gmail.com](mailto:satishkumaryadav.dev@gmail.com) [Github](#) [Linkedin](#) [LeetCode](#) [Portfolio](#)

## PROFILE SUMMARY

MERN Stack Developer & B-Tech CSE (2025) graduate specializing in scalable React/Node.js applications, REST APIs and TDD. Expert in database optimization & MVC patterns within Agile environments. Projects are deployed on on-demand cloud hosting and may require a brief delay for server spin-up during live demonstrations.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript (ES6+), TypeScript, SQL, Java.

**Frontend Technologies:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Redux Toolkit, Hooks, Wireframing.

**Backend Technologies:** Node.js, Express.js, NoSQL (MongoDB), Middleware, System Design Principles.

**DevOps & Tools:** Git, Github, Docker, Postman, NPM, Unit Testing, Netlify, Render, Vercel, AWS EC2, SDLC.

## PROFESSIONAL EXPERIENCE

**CepiaLabs Pvt. Ltd., Noida, Uttar Pradesh, India** [📄](#)

Sep 2025 – Dec 2025

*Programmer Analyst Intern*

*Hybrid*

- Architected 5+ responsive UI modules using React, increasing cross-device compatibility & user engagement.
- Implemented reusable component architecture, reducing duplicate UI logic and improving maintainability across multiple modules.
- Streamlined frontend-to-backend communication by integrating RESTful APIs via Axios, ensuring low-latency data rendering.
- Collaborated in an Agile team of 5, contributing to sprint planning, code reviews, and feature delivery in Git-based workflows, Improving release stability and reducing deployment errors by 50%.
- Key Technologies: React.js, State Management (Context API), Hooks (useState, useEffect), Fetch, Local Storage.

## PROJECTS

**BlogEasy - Blog Management App.** | *Node.js, Express.js, MySQL*

**Frontend | Live** [📄](#) | **Backend**

- Built a blog management platform supporting 500+ entries using 3-tier architecture (Controller, Service, DAO).
- Developed responsive React components with optimized client-side routing, reducing page load time by 20%.
- Deployed Role-Based Access Control (RBAC) to secure publishing workflows and administrative blog management.
- Designed dynamic routing & modular backend services, ensuring the platform remains scalable for high data volume.

**TravelBuddy - Full-stack Travel Organizer App.** | *Next.js, MongoDB (Mongoose)*

**Present**

- Developed an AI-powered travel platform allowing users to create, discover and manage public & invite-only trips.
- Engineered social engagement features including Real-time messaging, notifications, trip ratings, and travel blogs.
- Integrated AI chatbot for travel suggestions and trip queries, reducing manual support by 60%.
- Implemented SOS emergency alert system, notifying saved contacts and nearby emergency services instantly.
- Implemented secure authentication using JWT/OTP, ID verification, bcrypt encryption and automatic session expiration after 10 minutes of inactivity.
- Links: [GitHub Repository](#) | [Live Application](#)

## CERTIFICATIONS

- **NPTEL DBMS Certification (IIT Kharagpur):** Achieved 'Elite' status, ranked in the top 5% nationwide.
- **Javascript & React Mastery (Udemy):** Certified in building modern, single-page applications with state management.
- **Java Training (JSpiders):** Undergoing intensive training in enterprise Java development, OOPS, and SQL.

## EDUCATION

**B.Tech - Computer Science and Engineering**

**Graduated: 2025**

*Netaji Subhas Institute Of Technology, Patna*

*CGPA: 8.1 / 10*

Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, OS, DBMS.