

Sandeep Kumar – Full Stack Software Developer (Backend + Frontend Focus)

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#### Summary:

Full Stack Developer with hands-on experience in building real-world web applications through personal and academic projects. Skilled in the MERN stack and backend API development, with strong knowledge of database design, authentication, and clean, maintainable code.

#### Technical Skills:

Frontend: React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, React Router, Responsive UI Design, API Integration

Backend: Node.js, Express.js, REST APIs, JWT Authentication, bcrypt/password hashing, Mongoose ORM, File Upload (Multer/Cloudinary), Payment Integration (Razorpay), API Security (CORS), Error Handling & Logging, Nodemailer/SendGrid mailing services

Database: MongoDB, Mongoose, MongoDB Atlas, MySQL (Basics), SQL Server (Basics)

DevOps / Tools: Git, GitHub, Postman, Vercel (Frontend Deployment), Netlify (Static Deployment), Render (Backend Deployment), Cloudinary (Media Storage & CDN), MongoDB Atlas (Cloud Database)

Soft Skills: Problem Solving, Communication, Team Collaboration

#### Project Experience:

##### EdTech Learning Platform (Full Stack Project)

Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Cloudinary, Razorpay, Tailwind CSS

- Full-fledged EdTech platform with Student & Instructor dashboards
- Implemented course creation (sections, subsections, video upload)
- Secure authentication and user-specific content access
- Responsive UI and fast-loading experience

##### School Management System (Full Stack Project)

Tech Stack: HTML, CSS, Bootstrap, JavaScript, Node.js, Express.js, MongoDB

- Student management system for handling student records and academic info
- Implemented JWT-based authentication and Admin dashboard
- CRUD APIs for managing student data

- Responsive UI with Bootstrap & JavaScript

Education:

Master of Computer Applications (MCA)

RKDF University, Bhopal

Year: 2023 – 2025

Bachelor of Computer Applications (BCA)

CIMAGE College, Patna

Year: 2020 – 2023

Certifications:

- Full Stack Web Development – Code Help (2024)

Links:

GitHub: <https://github.com/sandeep5643>

LinkedIn: <https://linkedin.com/in/sandeep-kumar-11240b292>

Portfolio: <https://sandeep-portfolio-zeta.vercel.app>