

Sandeep Kumar

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PROFILE SUMMARY

MERN Stack Developer with expertise in **MongoDB, Express.js, React.js**, and **Node.js**. Experienced in building scalable, responsive web applications, implementing secure authentication, and ensuring efficient architecture. Skilled in project delivery, clean code practices, and agile collaboration, with continuous upskilling in emerging technologies.

SKILLS

Programming Languages & Frameworks: JavaScript (ES6+), Node.js, Express.js, React.js, Redux.

Front-End: HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Web Design, Cross-Browser Compatibility.

Back-End & Database: Firebase, SQL, RESTful APIs, MongoDB, Auth, Real-Time Database Operations.

Development Tools & Version Control: Git, Postman, Deployment Workflows, Netlify.

Soft Skills(Action-Oriented): Technical Communication, Workflow Coordination, Code Review Collaboration, Task Prioritization.

PROJECT EXPERIENCE

Medilab | Live Link | Github

Bengaluru, Karnataka

Full Stack Developer

Jan 2025 - Feb 2025

Developed mobile-first web applications and reduced page load time by 800ms across all devices by optimizing images and lazy loading, improving user experience by 25%.

Applied mobile-first design and Bootstrap grid system to achieve 100% screen compatibility.

Developed interactive features using vanilla JavaScript, improving website accessibility score by 10 points and adhering to WCAG 2.1 guidelines, ensuring compliance for all users

Utilized semantic HTML5 markup and custom CSS3 styling for improved accessibility, SEO, and brand consistency.

Optimized website images using TinyPNG and implemented browser caching, leading to a 1.1-second reduction in page load time for returning website visitors.

Integrated Lighthouse audits into the development workflow to identify and resolve performance bottlenecks, achieving a 90+ performance score across all metrics.

TechStack: HTML5, CSS3, Bootstrap, JavaScript, Responsive Web Design

Micro-Skill-Builder | Live || GitHub

Bengaluru, Karnataka

Full Stack Developer

Aug, 2025 - Sept, 2025

- Built 12+ reusable UI components using React.js and Tailwind CSS, significantly accelerating development speed and ensuring consistent UI across the entire micro-learning platform.
 - Implemented secure JWT authentication, protected routes, and role-based access (Learner, Instructor, Admin), improving security and ensuring controlled access to platform features.
 - Engineered an XP & Badge gamification dashboard, enabling real-time progress tracking and increasing user engagement.
 - Integrated REST APIs with Axios, improving data loading reliability and reducing API response handling issues by 50%.
 - Leveraged React Hooks and Context API for efficient global state management, resulting in smoother navigation and faster UI
 - Optimized frontend performance with memoization and lazy loading, achieving a 30% reduction in initial bundle size.
 - Deployed the application using Render CI/CD pipelines, automating the release process and reducing manual deployment.
- Used React Hooks and Context API for efficient state management and improved application performance.

TechStack: React.js, Tailwind CSS, JWT, Node.js, Express.js, React Route, Cloudinary uploads, MongoDB

EDUCATION

Masai School

Bengaluru, Karnataka

Software Development

Graduation Date: Oct 2025

Raj Rishi Bhartrihari Matsya University

Alwar, Rajasthan

Bachelor of Arts (Political Science)

Graduation Date: Oct 2021