# 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, Firestore, 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.
- **Tech Stack:** HTML5, CSS3, Bootstrap, JavaScript, Responsive Web Design

**Alwar-Mall E-Commerce Product** | Live Link | Github                          **Bengaluru, Karnataka**
*Full Stack Developer*                                                           *Jan 2025 - Feb 2025*

- Constructed 6+ reusable UI components with React.js and Tailwind CSS, speeding up the development process and ensuring design consistency across the e-commerce platform.
- Deployed a comprehensive security framework that safeguarded user data, reducing potential fraud incidents by 75% and establishing a reputation for reliability among 15,000 active users in the customer base.
- Automated deployment pipelines using Netlify CI/CD, enabling seamless updates and reducing manual deployment time by 60%.
- Integrated Firebase and Firestore for real-time backend operations, including user authentication.
- Implemented e-commerce functionality such as shopping cart, payment processing, and order management.
- Used React Hooks and Context API for efficient state management and improved application performance.
- **Tech Stack:** React.js, Tailwind CSS, JavaScript, Firebase, Firestore

## 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*