# 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 TypeScript.

**Front-End:** HTML5, CSS3, Tailwind CSS, Bootstrap, Shadcn UI, 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. Rander AWS3 EC2 PM2

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

## PROJECT EXPERIENCE

### AI Code Bug Finder || **Live** | **Github**

- Designed and implemented an AI-powered code analysis platform to identify bugs, syntax issues, logical errors,
- Built an AI-driven code review system combining static analysis with LLM-based intelligence
- Integrated OpenAI API to generate intelligent code improvements and spelling/syntax corrections.
- Implemented real-time bug detection and error highlighting to improve code quality and developer productivity.
- Developed scalable REST APIs using Node.js & Express and a responsive React-based frontend for seamless user interaction.

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

## PROJECT EXPERIENCE

### Online-Quiz | Live | Github

- Built a full-stack online assessment platform with JWT-based authentication supporting secure user registration and login.
- Implemented role-based access control (RBAC) with dedicated Admin and Student dashboards to enforce secure access control.
- Developed Admin modules to create, edit, and delete quiz questions with multi-category support (React, JavaScript, HTML, CSS, Node.js, MongoDB, SQL, DSA), including difficulty levels and tagging.
- Enabled timed assessments with smooth question navigation and designed a scalable, user-friendly UI to ensure reliable performance and an improved test-taking experience.

**TechStack:** React Tailwind CSS Node.js Express MongoDB JWT Bcryptjs CORS

## PROJECT EXPERIENCE

### Micro-Skill-Builder. L*ive* ||*GitHub*

- Developed full-stack MERN applications using React.js, Node.js, Express.js, and MongoDB
- Implemented JWT-based authentication and RBAC, securing APIs and frontend routes.
- Designed and consumed RESTful APIs, integrating frontend and backend using Axios.
- Optimized frontend performance with React Hooks, Context API, lazy loading, improving scalability, and user experience.

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

## EDUCATION

Bengaluru, Karnataka
*Graduation Date: Oct 2025*

**Masai School**
*Software Development*

**Raj Rishi Bhartrihari Matsya University**
*Bachelor of Arts (Political Science)*

**Alwar, Rajasthan** *Graduation Date: Oct 2021*