

RISHABH DEV SINGH

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Software Engineer (Frontend Developer) with expertise in designing and developing scalable web applications using React, TypeScript, JavaScript, and Node.js. Skilled in building modular front-end architectures, integrating REST APIs, and implementing real-time features, dashboards, and data-driven UI components. Strong foundation in testing practices, version control, and Agile development, emphasizing clean code, performance optimization, and usability. Known for effective collaboration with product, design, and backend teams to deliver reliable solutions.

WORK EXPERIENCE

Software Development Engineer - 1 | Vigilhawk Labs Pvt Ltd | Pune, Maharashtra

Sept 2025 – Present

- Created Incident and Request management functionalities that include complete API integrations resulting in a unified technology compliance platform.
- Developed front, end modules for MSSP Console and Help Center using React.js, TypeScript, and SCSS.
- Constructed a pool of reusable UI elements inspired by Ant Design components that resulted in higher consistency and faster development.
- Used React Charts and Lucid Icons to develop dynamic charts and dashboards for visual insight delivery.
- Drafted tables and data presentations for incident and request analytics, making the content more easy, to, understand.

Assistant System Engineer | Tata Consultancy Services Ltd | Pune, Maharashtra

Oct 2022 – Dec 2024

- Crafted responsive React/React Native UIs, improving load time 25% and usability for 50+ users.
- Migrated legacy UI to modular components, boosting scalability 40% and cutting development effort.
- Engineered REST APIs and Node.js middleware, enhancing data flow efficiency and API integrations by 30%.
- Implemented real-time functionalities leveraging WebSockets and NATS, enhancing live system updates and task visibility.
- Achieved 95% test coverage using Jest, Enzyme, and TDD, lowering production bugs by 20%.
- Integrated external systems (Fortnox, Visma) and reusable UI components with Tailwind & Redux, accelerating feature delivery.

SKILLS

- Frontend Development:** React.js, TypeScript, SCSS, Redux, JavaScript (ES5+), HTML5, CSS3, Tailwind CSS, WebSockets, Responsive Design
- Backend Development:** Node.js, Express.js, REST APIs
- Databases:** SQL, MongoDB
- Testing & Automation:** Jest, Enzyme, TDD
- DevOps & Version Control:** Jenkins, Git, GitLab
- Programming Languages:** C++, JavaScript (ES5+)
- Technical Skills:** Data Structures & Algorithms, Web Optimization Techniques, Debugging, OOP, Agile methodologies
- Soft Skills:** Collaboration, Problem-Solving, Attention to Detail, Leadership, Analytical Thinking, Adaptability

EDUCATION

Bharati Vidyapeeth University

Pune, Maharashtra

Master of Computer Applications (MCA)

Aug 2022 | 8.0

PROJECTS

Study Notion | React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Redux Toolkit, Razorpay, Cloudinary | [Link](#)

- Built a course platform where instructors can create/upload courses and students can purchase and track progress.
- Executed secure login with JWT, course filtering, video uploads, and Razorpay integration for payments.
- Designed a responsive UI with React.js, managed global state leveraging Redux Toolkit, and handled backend with Express & MongoDB.

Vocally Local | React.js, JavaScript, Tailwind CSS, Firebase | [Link](#)

- Created an app to connect local vendors and users, boosting community engagement.
- Executed order placement and tracking, increasing user satisfaction by 25%.
- Crafted a vendor dashboard for easy product uploads and order management, raising vendor participation by 40%.

Wander Chat | React.js, Tailwind CSS, JavaScript, Node.js, Express, MongoDB | [Link](#)

- Built a real-time chat app supporting one-on-one and group conversations, enhancing communication by 30%.
- Programmed a group management system for easy creation and joining of groups.
- Added real-time notifications to keep users updated.