




Manish Kharbade (Software Engineer Frontend)

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 <https://mk-portfolio-6dh2.onrender.com>

Summary

Frontend React.js Engineer with expertise in React.js, JavaScript (ES6+), and TypeScript, building scalable, high-performance, and user-focused web applications. Skilled in developing responsive UIs, reusable components, and interactive dashboards using Material UI, Ant Design, and modern frontend tooling. Hands-on experience with REST APIs, WebSockets, and Keycloak authentication. Strong knowledge of Redux, Redux-Saga, Webpack, and Babel for efficient state and build management. Adept at cross-browser compatibility, performance optimization, and testing (Jest). Recognized for strong problem-solving, collaboration, attention to detail, adaptability, and continuous learning mindset.

Technical Skills

Frontend & UI Frameworks – React.js, Redux, Redux Toolkit, Redux-Saga, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, Tailwind CSS, Bootstrap, Material UI, Ant Design, Electron.js

Backend & Database – Node.js, Express.js, MongoDB, PostgreSQL, RESTful APIs, JSON

Build & Deployment Tools – Webpack, Babel, NPM, Yarn, Render, Vercel

Version Control & Collaboration – Git, GitHub, Postman, Jira, Agile/Scrum

Development Practices – UI/UX Optimization, Performance Tuning, Responsive Web Design, Role-Based Access Control (RBAC), Troubleshooting, Debugging, JWT Authentication, Cross-Browser Compatibility, Code Splitting, Component Reusability

Work Experience

TECHADEMY LEARNING SOLUTIONS (P) LTD,

01/2023 – Present | Pune, India

Software Engineer - Frontend

- Engineered **scalable UI components** and integrated **REST APIs**, improving platform efficiency and reducing latency.
- Redesigned application layouts using **React.js and Material UI**, enhancing user engagement and usability.
- Applied **React performance optimizations** (lazy loading, memoization, and code splitting), reducing load times by 25%.
- Collaborated with cross-functional teams in an **Agile Scrum environment**, ensuring timely sprint releases.
- Resolved **critical UI/UX issues** through systematic **debugging and troubleshooting**, improving platform stability.

Projects & Work History

Make My Labs (MML), Software Engineer / UI Developer

10/2023 – Present

- Built a **cloud-based workspace management UI** enabling seamless access to AWS, Azure, and GCP labs with **real-time VM operations and status tracking**.
- Designed and deployed a **request management system**, streamlining lab provisioning and improving workflow efficiency.
- Enhanced authentication by integrating **Azure AD Single Sign-On (SSO)** and implementing **skip-login functionality**, improving accessibility and security.
- Created an **in-VM Agent with Electron.js** to deliver interactive tutorials and guided steps for effective **virtual machine usage**.
- Implemented **dynamic theme customization** and **VM screening via Guacamole integration**, improving usability and system reliability.
- Conducted **troubleshooting and debugging** of authentication workflows, significantly reducing downtime.

Techademy Campus (B2A)

03/2023 – 09/2023

- Developed and integrated a **User Management UI** with **secure APIs** for seamless onboarding and **role-based access control (RBAC)**.
- Designed **role-based dashboards** with interactive analytics and graphical reports, improving **data visualization and decision-making**.
- Implemented **component reusability, code splitting, and cross-browser compatibility**, enhancing performance, scalability, and user accessibility across platforms.
- Optimized **dashboard responsiveness and scalability**, delivering a smoother multi-device experience.
- Customized **themes with accessibility standards (WCAG)**, ensuring consistent and user-friendly UI across clients.

Velocity Sector, A dynamic vehicle management platform built using the MERN stack

01/2025

- **Tech Stack:** MongoDB, Express.js, React.js, Node.js, Redux, JWT, RESTful APIs, Axios, Material UI, Nodemailer, Postman, Render (Deployment).
- Integrated **JWT authentication with role-based access control (RBAC)** for secure multi-user management.
- Implemented **real-time email notifications** with Nodemailer to streamline onboarding and customer inquiries.
- Optimized **data fetching with Axios** and managed global state efficiently using **Redux Toolkit**.
- Applied **component reusability, code splitting, and optimized coding practices**, improving scalability and maintainability.
- Ensured **cross-browser compatibility** and responsive design, enhancing accessibility across different devices and platforms.

Certificates

Advance java full stack development [🔗](#)

Certificate of achievement of advance java full stack development course where I have upgraded my programming skills

Education

Electrical Electronics and Power Engineering, CGPA - 8.73/10,
Bachelor of Engineering, Priyadarshini College of Engineering

08/2018 – 2023 | Nagpur, India

Languages

English | Hindi | Marathi