

# Maneesha Barandeniya

Senior Frontend Engineer (React/TypeScript)

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Senior Frontend Engineer with 6+ years of experience building scalable SaaS, FinTech, and mapping applications using React.js, TypeScript, Next.js, and React Native. Experienced in micro-frontends, performance optimization, API integrations, testing, and modern frontend architecture for distributed teams.

<b>React js</b>	<b>React Native</b>	<b>Next js</b>	<b>TypeScript</b>
<b>JavaScript (ES6+)</b>	<b>Redux</b>	<b>Zustand</b>	<b>Jest</b>
<b>React testing lib</b>	<b>Storybook</b>	<b>Micro Frontends</b>	<b>Monorepo</b>
<b>API Integration</b>	<b>MUI</b>	<b>Ant Design</b>	<b>Tailwind CSS</b>
<b>SASS</b>	<b>Git</b>	<b>Docker</b>	<b>Azure</b>
<b>Firebase</b>	<b>Jira</b>	<b>Vite</b>	<b>Expo</b>

## **Dubai Technologies** UAE, Dubai (Remote)

Senior React Developer 11/2024 – Present

- Designed and implemented a scalable micro-frontend architecture using React.js to enable modular development and independent team deployments.
- Built and optimized interactive map-based features using mapping libraries for location data visualization and improved user experiences.
- Engineered high-performance map features using Leaflet/Mapbox, improving geolocation data rendering speed by 60%.
- Implemented secure authentication flows and followed frontend security best practices to mitigate XSS and CSRF vulnerabilities.
- Mentored developers through code reviews and frontend best practices.

## **Parkway Labs (Pvt) Ltd** Remote (Netherlands)

Software Engineer • 02/2022 – 11/2024

- Led the development of cross-platform mobile apps using React Native, enhancing functionality and user experience for crypto bots and real estate management apps.
- Spearheaded the creation of a large-scale finance app, ensuring robust performance, security standards, and seamless integration with APIs and smart contracts.
- Architected the entire front end using monorepo architecture, improving code reusability, scalability, and team collaboration.
- Collaborated with clients to translate requirements into tailored technical solutions, delivering high-quality applications.
- Implemented web applications using React JS and Redux, prioritizing maintainability, scalability, and performance optimization.
- Developed unit and integration tests using Jest and React Testing Library to ensure application reliability.

## **Qualia Tech International (Pvt) Ltd - (startup)** Remote (Sweden)

Software Developer 06/2021 – 02/2022

- Developed a mobile-friendly admin panel with Chakra UI, React, Next.js, and TypeScript, following modern UI design patterns.
- Improved code efficiency and reusability with ES6, ensuring a scalable codebase.
- Utilized Storybook for UI component testing, ensuring component reliability and functionality.
- Developed type-safe applications using TypeScript generics, interfaces, utility types, and reusable component patterns.
- Implemented optimization techniques to ensure the admin panel performance met user satisfaction & maintained SaaS platforms serving thousands of users across multiple regions.

**Treeloq - (startup)**

Hybrid (Sri Lanka)

Frontend Developer

09/2019 – 06/2021

- Created an online resume builder and cover letter app with React technologies, including Hooks and Context API, for a user-friendly experience.
- Ensured SEO-optimized, clean code, enhancing app visibility and maintainability.
- Designed and converted HTML resume and cover letter templates to JSX for improved interactivity and responsiveness.
- Built accessible and responsive interfaces following WCAG standards and keyboard navigation best practices.
- Optimized HTML and CSS code, reducing page load times by 30%.

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**London Metropolitan University**

Bachelor of Engineering • Upper Second Class Honors

Software Engineering

02/2023 – 01/2024

**University Of Colombo**

Diploma In Information Technology

IT

Colombo • 01/2021 – 01/2022

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**AI-based Resume Management System**

05/2022 – Present

- Developed an AI-driven resume management system to streamline resume creation for job seekers.
- Automated resume enhancement based on job descriptions, tailoring content to specific roles.
- Enabled employers to efficiently match candidates, improving application quality and relevance.
- Built React and TypeScript-based interfaces for resume generation and candidate management workflows.
- Integrated AI-powered content generation features to improve resume quality and job matching accuracy.

**TurnTaxi**

06/2024 – Present

- Built a full Uber-style system with live driver tracking, trip state machine, Google Maps routing, fare calculation, and push notifications, optimizing Firestore usage by 40%.
- Implemented real-time synchronization using Firebase Firestore and location tracking services.

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**English**

Full Professional Proficiency

**Sinhala**

Native