Tenzing Thundup Bhutia

Senior Frontend Engineer | React.js, Next.js, TypeScript, JavaScript
Bangalore, India | thundupttb@gmail.com | linkedin.com/in/tenzing-thundup

Summary

Senior Frontend Engineer (Front-End / UI Engineer) with 7+ years of experience building scalable, high-performance consumer web applications with React.js, Next.js, TypeScript and JavaScript (ES6+) for Property Finder, realtor.com and traderjoes.com. Reduced JavaScript bundle size by 81% (4.3MB to 800KB), increased agent-buyer engagement by 22%, and led WCAG/ADA accessibility compliance. Experienced in frontend architecture, microfrontends, design systems and reusable component libraries, server-side rendering (SSR), web performance optimization (Core Web Vitals), SEO, internationalization (i18n/RTL), automated testing and CI/CD in Agile/Scrum teams.

Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS/Sass, PHP

Frontend: React.js, Next.js (App Router), Redux, React Hooks, State Management, SWR, React Hook Form, GraphQL, REST APIs, Server-Side Rendering (SSR), Responsive Web Design, Cross-Browser Compatibility, Tailwind CSS

Architecture: Frontend Architecture, Microfrontends, Webpack Module Federation, Monorepo (Turborepo, pnpm), Design Systems, Component Libraries, npm Packages

Performance & SEO: Core Web Vitals, Web Performance Optimization, Code Splitting, Lazy Loading, SEO, A/B Testing

Accessibility & i18n: WCAG, ADA Compliance, ARIA, a11y Audits, Internationalization (i18n), Localization, RTL

Testing & Quality: Jest, React Testing Library, Playwright, Unit Testing, End-to-End (E2E) Testing, Code Coverage, ESLint, SonarCloud

Backend & Integrations: Node.js, PHP (Symfony), REST APIs, Salesforce, Braze, Tealium, PostHog, MySQL

Cloud & DevOps: AWS (CDK, ECS, S3, RDS, DynamoDB, SQS, Lambda), Docker, CI/CD (Jenkins, GitHub Actions)

Observability: OpenTelemetry, Grafana, Monitoring & Alerting, Dashboards, On-call

Tools & Methods: Git, GitHub, JIRA, Figma, AI-Assisted Development (Claude Code), Agile/Scrum, Code Reviews

Professional Experience

Senior Software Engineer (Frontend), Techiebutler | Bangalore, India (Remote) | Jul 2025 - Present

Client: Property Finder (propertyfinder.ae, mortgagefinder.ae)

- Built the mortgage Rates Engine for mortgagefinder.ae using Next.js (App Router), React and TypeScript, with server-side rendering (SSR), SWR data fetching and SEO metadata driven by live rate data, including rate comparison pages, lender search and an Islamic finance filter.
- Developed shared mortgage calculators, lead-generation forms with OTP verification and advisor components as versioned TypeScript libraries, consumed by 10+ applications in a Turborepo monorepo and Module Federation microfrontend architecture, with English/Arabic (RTL) localization.
- Delivered full-stack partner-portal features across frontend and backend services (Node.js, PHP/Symfony): REST API integrations, idempotent retry-safe case creation, and Salesforce and Braze integrations, deployed on AWS (CDK, ECS).
- Implemented Tealium analytics event tracking, OpenTelemetry tracing and Grafana monitoring and alerting; safeguarded releases with unit and end-to-end tests (Jest, React Testing Library, Playwright) behind enforced code-coverage gates in CI/CD.

Technologies: Next.js, React, TypeScript, Node.js, PHP (Symfony), AWS (CDK, ECS), Salesforce, Braze, Tealium, OpenTelemetry, Grafana, Jest, Playwright

Senior Frontend Developer, Abaqus | Bangalore, India | Sep 2023 - Jun 2025

- Led the migration of legacy JSP pages to a modern React architecture, reducing JavaScript bundle size by 81% (4.3MB to 800KB) and improving scalability and page load times.
- Established accessibility (a11y) standards across the application, resolving issues flagged in WCAG audits.
- Improved web performance through code splitting, lazy loading and React render optimization, raising Core Web Vitals scores.

Technologies: React, JavaScript, Java Spring, AWS, MySQL, Jest, React Testing Library

Lead / Senior Engineer, Brillio | Bangalore, India | Jul 2019 - Aug 2023

- Architected and led UI development for realtor.com using React, Redux and TypeScript, driving a 22% increase in agent-buyer engagement.
- Directed ADA/WCAG accessibility compliance for traderjoes.com, improving usability for all users, including those relying on assistive technologies.
- Built a reusable Virtual Experiences UI component library adopted across multiple projects, improving Core Web Vitals and SEO performance.

Technologies: React, Redux, TypeScript, Node.js, GraphQL, AWS, Jest, React Testing Library

Education

M.Tech, Computer Science, National Institute of Technology (NIT) Rourkela, Odisha | 2017 - 2019

B.Tech, Information Technology, Sikkim Manipal Institute of Technology, Sikkim | 2012 - 2016