

# Abhi Shobhashana

+91-9099259846 • abhiashobhashana@gmail.com • abhishobhashana.vercel.app • github.com/abhishobhashana  
linkedin.com/in/abhishobhashana

## Professional Summary

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Senior Frontend Engineer with 5+ years building scalable React.js and Vue.js applications. Expert in frontend architecture, performance optimization, real-time systems, and leading engineering teams.

## Experience

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### Senior React.js Developer • Techflitter May 2022 - Present • Ahmedabad

- Led a team of 5 engineers, defining React architecture standards and ensuring 99% on-time feature releases
- Designed reusable component libraries and custom hooks, reducing UI duplication by 35% across projects
- Increased feature reliability with Jest component and functional test cases, significantly reducing post-release defects
- Improved performance and bundle size by 40% using lazy loading, code splitting, dynamic imports, and memoization
- Modernized legacy codebase by upgrading dependencies and refactoring patterns to improve rendering efficiency
- Implemented structured code review practices and best practices documentation to improve code quality across teams

### React.js Developer • Rex Innovation Jan 2021 - May 2022 • Ahmedabad

- Contributed across the full SDLC in an Agile environment, from requirements to deployment and post-release support
- Translated client requirements into scalable solutions, accelerating delivery through biweekly progress demos
- Designed reusable React.js component architectures using modern practices (hooks, context, state, and props)
- Implemented error boundaries and fallback UI, preventing app crashes by 85% and ensuring a smooth user experience

### JavaScript Developer Intern • Novatrice Dec 2019 - Jan 2021 • Ahmedabad

- Developed dynamic web applications using DOM manipulation, jQuery, AJAX, and module pattern
- Ensured cross-browser compatibility and responsive design using CSS Grid, Flexbox, and media queries

## Projects

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### Electric Vehicle Dashboard - React.js, TypeScript, Redux, Jest, WebSocket, Stripe

- Developed role-based dashboard for 220+ cities and 78K+ users, delivering high performance application experience
- Built real-time vehicle tracking, and an interactive chatbot using WebSocket with data visualization using Deck.gl layers

### Food Management System - Vue.js, Vuex, TypeScript, AWS, CI/CD

- Developed scalable platform from scratch used by 2.5K+ restaurant owners, enabling seamless onboarding, core operations, and analytics with insightful data visualizations
- Owned manual deployments initially, improved deployments by implementing automated CI/CD pipelines

### Food Ordering System - Vue.js, Vuex, TypeScript, Stripe, AWS, CI/CD

- Designed engaging listing experience of 75+ restaurants, adding personalized recommendations based on user activity
- Resolved billing failures by creating payment retries and initial card validations, resulting 98% successful payment rate

### IoT Device Dashboard System - React.js, TypeScript, Redux, React Testing Library, WebSocket, Stripe

- Created custom chart components without relying on external libraries, achieving 20% faster data visualizations
- Designed engaging 3D user experience of IoT device features and details using framer motion animations

### Solar Monitoring System - JavaScript, jQuery, HTML, CSS

- Developed dynamic forms fully dependent on backend API response, accelerating development efficiency by 40%
- Enhanced Lighthouse accessibility score from 64 to 88 by implementing semantic HTML and keyboard navigations

## Technical Skills

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**Programming Languages:** JavaScript (ES6+), TypeScript, HTML, CSS, Sass

**Libraries & Frameworks:** React.js, Redux, Context API, Next.js, Vue.js, Vuex, jQuery, Jest, React Testing Library, Sanity, WebSocket, Stripe, Tailwind CSS, Styled Components, Framer Motion, Material UI

**Tools & Platforms:** Github, Storybook, Vite, Webpack, Jira

## Education

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BTech. • Charotar University of Science and Technology

2017 - 2020 • Changa

Diploma • Noble University

2014 - 2017 • Junagadh