

Ashutosh Tiwari

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Summary

Frontend Engineer with 3.5+ years of experience building scalable and performant web applications. Proficient in React, Next.js, TypeScript, and modern frontend tooling with a strong focus on UI architecture, accessibility, and Core Web Vitals. Experienced in delivering production-grade features in Agile environments with cross-functional teams.

Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Java

Frontend: React, Next.js, Redux, SASS, Tailwind CSS, Zustand

Backend: Node.js, Express, REST APIs, PostgreSQL, AWS Lambda

Tools: Git, Webpack, Vite, Postman, Docker, Jest

Cloud & DevOps: AWS S3, CloudFront, API Gateway, Lambda, Vercel

Practices: Agile/Scrum, API Integration, Performance Optimization, Core Web Vitals, Micro-frontends

Experience

Member of Technical Staff, Mindstix – Pune, MH

Aug 2021 – Mar 2024

- Rebuilt Amway Taiwan's Cart and Checkout UIs using React, Next.js, and TypeScript, improving mobile-first usability and performance.
- Reduced Node.js BFF (backend-for-frontend) endpoint response time to **<100ms**, directly improving Core Web Vitals and contributing to a **15%** increase in user engagement.
- Solely developed EasyRewards for **Staples** — a cart-based loyalty points redemption system used by thousands of customers.
- Led the Staples checkout redesign, implementing a modern UI with improved accessibility and **20%** gains in LCP and CLS scores.
- Integrated complex payment flows (PayPal, Apple Pay, VISA) and handled frontend-to-API orchestration using Node.js middleware.
- Mentored junior developers and collaborated closely with QA/PMs across Agile sprints.

Programmer Analyst Trainee, Cognizant – Coimbatore, TN

Aug 2020 – Mar 2021

- Worked with senior developers to build and test UI components for Aetna's member portal using React.
- Assisted in migrating older JavaScript modules to reusable React components, helping improve load times by over 1 second on key pages.
- Helped integrate REST APIs for features like claims summary and digital ID cards, ensuring accurate data display and responsiveness.
- Participated in weekly UI/UX reviews and implemented accessibility improvements in accordance with WCAG.

Intern, Cognizant – Pune, MH

Jan 2020 – May 2020

- Completed training in frontend technologies including HTML5, CSS3, JavaScript, React, Redux, Webpack, and SASS.
- Built a responsive React-Redux application as part of a 4-member capstone project, following Agile methodology and sprint cycles.
- Contributed to component structure, state management, and API integration in a simulated e-commerce UI.
- Practiced modern version control and collaboration workflows using Git and Jira.

Education

Chandigarh University – Bachelor of Engineering in Computer Science

Aug 2016 - July 2020