

# Adhip Kashyap

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## Summary

Results-driven **Frontend Engineer** with **5+ years** of experience designing and developing high-performance web applications. Passionate about building elegant, scalable, and maintainable software with a deep focus on **React, Next.js, TypeScript, and UI/UX optimization**. Strong expertise in **performance tuning, component-driven architecture, and AI-powered interfaces**. Experienced in working with **fast-paced startups**, collaborating with cross-functional teams, and delivering user-centric solutions.

## Skills

- **Frontend:** React, Next.js, TypeScript, Styled Components, SASS, Tailwind CSS, WebSockets, GraphQL, Redux, Zustand
- **Performance & Optimization:** Virtualized list rendering, lazy loading, code splitting, SSR/ISR, cross-browser compatibility
- **DevOps & Tooling:** CI/CD (GitHub Actions, CircleCI), Webpack, Babel, Vercel deployment
- **Testing:** Jest, React Testing Library, Cypress
- **Design & UX:** Figma, Storybook, Component-driven development, Accessibility (a11y)
- **Collaboration & Tools:** GitHub, Notion, Slack, Agile/Scrum, Developer Experience

## Experience

### Teaching Solved, Tempe, AZ

#### Senior Frontend Engineer

Aug 2024 - Present

- Developed a **scalable, AI-powered language learning platform** using **Next.js, TypeScript, and GraphQL**, ensuring seamless user experience.
- Optimized **frontend performance**, implementing **code splitting, lazy loading, and SSR**, reducing load times by **50%**.
- Designed and implemented **responsive UI components** in **React** and **Tailwind CSS**, enhancing accessibility and cross-browser compatibility.
- Integrated **Stripe for payments** and **Clerk for authentication**, improving security and user experience.
- Led **frontend architecture discussions**, implementing best practices for component reuse and maintainability.

### ICICI Lombard GIC, Bangalore, India

#### Frontend Engineer

Oct 2019 - Aug 2022

- Built a **high-performance insurance dashboard** using **React and MobX**, achieving UI load times under **10ms**.
- Developed **real-time collaborative features** using **WebSockets**, improving customer support efficiency by **25%**.
- Designed and implemented a **GraphQL-based frontend architecture**, reducing API over-fetching and enhancing application responsiveness.
- Migrated legacy UI to a **modern React-based design system**, streamlining development and improving maintainability.

### Autoninja, Bangalore, India

#### Frontend Developer

Jan 2019 - Oct 2019

- Developed **real-time vehicle tracking UI** in **React and TypeScript**, reducing support call volume by **20%**.
- Implemented **customized UI components** for data visualization, enhancing customer insights.
- Improved **frontend build performance** by optimizing Webpack configurations, reducing bundle size by **40%**.

## Projects

### LibriCasts – AI-Powered Audiobook Integration

- Built an **AI-powered audiobook recommendation system** using **Next.js API routes, PostgreSQL**, and **Redis caching**.
- Developed a **custom RSS feed generator**, enabling seamless integration with **PocketCasts**.

### ASCII Art Filter

- Created a **real-time image filtering application** using **React and WebGL**, transforming images into ASCII art.
- Optimized WebGL shaders for real-time processing, achieving sub-50ms render times.

## Education

**M.S. in Computer Science**, Arizona State University (2022 - 2024)

**B.Sc. in Mechanical Engineering (Minor in Computer Science)**, PES University (2015 - 2019)