

Abhinay Katta

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SUMMARY

Frontend-focused software engineer specializing in performance optimization, deep state management, and modernization of legacy applications. Experienced in diagnosing rendering inefficiencies, maintaining clean and scalable codebases, migrating outdated bundlers and UI systems without regressions, optimizing dependencies to reduce bundle size, and implementing SEO improvements to achieve high performance on legacy platforms.

SKILLS

React, Next.js, JavaScript, TypeScript, Redux, Redux Toolkit, Zustand, TailwindCSS, SCSS, CSS Modules, Styled Components, TanStack Query, Zod, shadcn/ui, Mantine UI, Jest, React Testing Library, Vitest, Vite, ESLint, Prettier

EXPERIENCE

SDE - 1

ScaleReal

September 2024 - Present, Remote

- Reduced bundle size by **~99% (20MB → ~180KB)** by optimizing heavy third-party dependencies, assets, implementing lazy loading in a legacy application and implemented SEO optimizations on legacy platforms, significantly improving performance and search visibility.
- Led **migration of legacy codebases** and **UI components using AI tools** to modern build systems and reusable architectures, **improving** build performance and maintainability.
- **Delivered** client projects using Next.js under **tight deadlines**, ensuring responsive and **high-performance** web applications.
- Integrated CMS solutions such as Strapi and MDX in Next.js projects, enabling scalable **content-driven architecture**.
- **Led independent** end-to-end **delivery** for a client across multiple projects, managing requirements, stakeholder communication, and technical execution while collaborating with client-side SEO, design, and QA teams to ensure aligned implementation.

SDE - Intern

ScaleReal

March 2024 - August 2024, Remote

- Owned and enhanced a **large-scale review platform** by implementing new features and strengthening **unit test coverage**, increasing application confidence by **87%**.
- **Collaborated** with designers and reviewers to create a tutorial page for the SkillWatch application to **improve user onboarding** and **reduce support requests**.
- **Maintained** and **updated** the company website, adding new features to enhance the user experience.
- Optimized codebase efficiency by refactoring legacy code, **reducing load times by 25%** using React.js and Redux over a 3-month internship period.

Frontend developer & Product Engineer

Digi Frills

October 2023 - February 2024, Remote

- Collaborated with the backend team to ensure seamless integration of frontend and backend components, optimizing performance and delivering cohesive software applications.
- Partnered with UI/UX designers to refine and enhance interface designs, resulting in a 25% improvement in user satisfaction based on feedback.
- Developed and implemented responsive, high-performing frontend components, resolving over 50 issues and reducing load times by 15%.
- Debugged and modified existing product features, addressing critical issues that improved application stability by 30%.

EDUCATION

Bachelor of Engineering in Computer Science

Parul University · Vadodara, Gujarat · 2024 · 8.02 CGPA

• Awarded a 40% scholarship based on high school grades.

Intermediate - HSC

SR Junior College · Karimnagar, Telangana · 2020 · 95%

High School - SSC

St. Joseph's Convent High School · Adilabad, Telangana · 2018 · 9.3 GPA

CERTIFICATIONS

Microsoft AZ-900

Online • 2023

- Demonstrating a solid foundation in cloud computing concepts, including an understanding of essential Azure services, pricing models, and cloud security.

Microsoft AI-900

Online • 2022

- Demonstrating an understanding of AI workloads, fundamental machine learning principles, and their practical application.
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