

Abhinay Katta

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SUMMARY

Frontend engineer with around 2 years of experience building and maintaining React and Next.js applications in production. Focused on performance, clean state management, and keeping codebases maintainable as they grow. Comfortable owning frontend work across the full cycle, from requirements through to QA and have worked directly with clients, designers, and backend teams on shipped products.

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

- **Payload reduced by 99%:** Traced a **20 MB SVG** asset causing severe LCP regression; split raster layers into optimised PNGs, kept vectors as SVG at final size of **180 KB**, restoring fast load times without any visual change.
- **Legacy modernisation:** Migrated multiple production codebases to Vite using AI-assisted refactoring with no major regressions; also refactored a **~700-line** Hugo page (mixed data + UI) **into ~150 lines** by separating project data into JSON and replacing hardcoded markup with a templated partial structure and new projects now just need a JSON entry.
- **End-to-end client ownership:** Solely Managed requirements, architecture, stakeholder communication, and delivery across multiple client projects; coordinated with client-side SEO, design, and QA teams.
- **Multi-step onboarding flow:** Built a configurable multi-step onboarding flow with Next.js and Form.io supporting form generation and schema-driven validation.
- **CMS-driven pages:** Integrated Strapi and MDX into Next.js projects using SSG and ISR, enabling content updates without requiring a redeployment.

SDE - Intern

ScaleReal

March 2024 - August 2024, Remote

- **Test confidence boost:** Increased unit test coverage **from a low baseline (~10%) to 87%** across a large review platform using Jest and React Testing Library, reducing regression risk ahead of releases.
- **Load times reduced by 25%:** Refactored Redux state slices and eliminated redundant re-renders across key user flows, measurably improving performance within a 6-month internship window.
- Maintained and updated the company website, adding new sections and improvements to enhance the user experience.

Frontend developer & Product Engineer

Digi Frills

October 2023 - February 2024, Remote

- **UI/UX collaboration:** Collaborated with designers to refine interface designs, resulting in a **~25% improvement** in user **satisfaction** based on feedback.
- **Frontend components:** Built responsive, performant components and **resolved 50+ issues, reducing load times by ~15%**.
- **Bug fixes & stability:** Debugged and resolved critical issues across existing product features, improving overall application stability.

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 AI-900

Online • 2022

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

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.
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