

VIVEK SAI GAJIVILLI

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PROFESSIONAL SUMMARY

Experienced Frontend Developer with approx 2 year of hands-on experience in web application development. Proficient in modern frontend technologies including **React.js**, **Next.js**, **HTML5**, **CSS3**, and **JavaScript**. Strong expertise in **state management** using **Zustand**, **Oracle SQL** for database management, and **Salesforce Admin** for CRM solutions. Demonstrated ability to deliver high-quality, scalable, and SEO-optimized applications. Skilled in **performance optimization**, including **server-side rendering (SSR)**, **static site generation (SSG)**, and **Core Web Vitals** improvements. Adept at collaborating with cross-functional teams, leading projects, and solving complex technical challenges to achieve business goals. Eager to further leverage my skills in web development and continue to grow in the tech industry.

SKILLS AND ACCOMPLISHMENTS

- **Programming Languages:** JavaScript, TypeScript
- **Frontend Development:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, ES6
- **State Management:** Zustand
- **Tools & Platforms:** Git, GitHub, Visual Studio, Chrome Dev Tools, Salesforce Admin
- **Performance Optimization:** Core Web Vitals, SEO, Static Site Generation, Server-Side Rendering (SSR)
- **Databases:** Oracle SQL
- **Cloud (CRM):** Salesforce Admin

EXPERIENCE

SOFTWARE ENGINEER | PURECODE —
Hyderabad

Responsibilities:

(07/2023) — (05/2025)

Responsibilities:

- Collaborated with the development team to design and build responsive, mobile-first web applications and websites.
- Built and maintained scalable, performant applications using Next.js, ensuring optimal server-side rendering (SSR) and static site generation (SSG) to improve SEO and overall performance.
- Implemented advanced SEO strategies, including structured data (Schema.org), dynamic meta tags, canonical URLs, and Open Graph Protocol, leading to significant improvements in search engine rankings.
- Developed interactive, dynamic web elements using HTML5, CSS3, JavaScript, and Next.js, ensuring high-quality user experiences.
- Collaborated with senior developers to design and implement web-based projects, building robust backend APIs, dynamic user interfaces, and scalable data architectures.
- Wrote clean, maintainable, and well-documented code, adhering to industry best practices and coding standards.
- Improved page performance using Next.js features such as `getStaticProps`, Image Optimization, lazy loading, and code splitting, achieving faster page load times and better Lighthouse scores.
- Enhanced Core Web Vitals (FCP, LCP, CLS) using performance tuning techniques like critical CSS, optimized font loading, and client-side caching.
- Collaborated with the AI team to develop dynamic, reusable components based on AI-driven insights, enabling faster feature deployment and iteration.
- Assisted in training AI models, fine-tuning prompts to improve the accuracy and relevance of AI-generated responses, and ensuring seamless integration of AI into the platform.
- Assisted in debugging and troubleshooting application issues, collaborating with senior developers to identify and resolve bugs, ensuring smooth functionality & optimal user experience.
- Utilized Next.js file-based routing to create dynamic routes and implement custom routing.

PROJECTS

Purecode.ai Web Platform (**Next.js | Tailwind CSS | SEO**) ----([Link](#))

- Designed and implemented production-ready pages: Home, Enterprise, Frameworks & Libraries, Components, and Prompting Guide.
- Designed and implemented production-ready pages using Next.js and Tailwind CSS, improving performance and SEO rankings by 20% through static generation and optimized images.
- Integrated structured data (JSON-LD) and technical SEO enhancements to increase discoverability and SERP presence.
- Improved performance using Next.js static generation, image/component optimization, and page-level caching.
- Leveraged Next.js built-in routing and dynamic imports to optimize initial page loads and reduce the time-to-interactive

PromptsCraft — ([Link](#))

(**Next.js | Tailwind CSS | ShadCN UI | All-MiniLM-L6-v2 (Allam-2-7b model)**)

- Leverage Developed an AI prompt crafting web app using Next.js for robust frontend architecture.
- Implemented responsive and modern UI with Tailwind CSS and ShadCN UI components.
- Integrated Allam-2-7b model for real-time, intelligent prompt suggestions and completions.
- Deployed the application on Vercel for seamless performance and global accessibility. Focused on user experience with clean design and fast-loading interactive features.

EDUCATION

Bachelor of Technology (B. Tech) | Bonam
Venkata Chalamaya Engineering College,
Andhra Pradesh

2019 – 2022

CGPA: 8.4