

NIKHIL NIWATE

FRONTEND DEVELOPER

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SUMMARY

Detail-oriented Frontend Developer with 3+ years of experience in building responsive, user-centric web apps using React and Next.js. Skilled in translating UI/UX designs into high-quality, maintainable code with reusable components and scalable design systems. Proficient at managing complex product requirements and delivering clean, efficient solutions. Passionate about modern frontend architecture, continuous learning, and creating seamless user experiences.

WORK EXPERIENCE

AntStack Technologies

August 2022 - Present

Member of Technical Staff - 2

As a Frontend Developer, I've led the development of scalable, reusable UI systems and data-driven interfaces, focusing on performance, user experience, and SEO. My work spans building private UI libraries, implementing dynamic layouts and charts, optimizing large-scale data grids, and delivering high-performance marketing websites integrated with modern headless CMS platforms.

Project-I: Data Visualization Platform:

Key Responsibilities & Achievements:

- Designed and developed a private UI component library for scalable, reusable components across multiple applications, published to JFrog Artifactory.
- Set up Ladle for component development and testing, streamlining development workflow and improving developer productivity.
- Implemented progressive prefetching strategies to optimize data retrieval, enhancing application responsiveness and user experience.
- Built dynamic, high-performance frontend modules with lazy loading and minimized API calls to improve overall app speed and scalability.
- Developed highly dynamic and configurable frontend modules using Sanity CMS, enabling non-technical users to modify layouts and content without engineering support, thereby boosting agility.
- Created flexible chart-rendering solutions to handle various visualization needs dynamically, improving user engagement and supporting better data-driven decision-making.
- Implemented a secure federated sign-in/sign-out process integrating Auth0 and Okta, ensuring seamless enterprise session management.
- Architected a powerful, customizable data grid (Ag Grid) capable of handling large datasets with server-side operations, dynamic views, and nested structures, dramatically improving scalability and performance.
- Established a scalable component architecture based on atomic design principles, reducing technical debt and improving long-term maintainability across projects.

Tools & Technologies Used:

- Next.js
- Mantine UI
- Rollup
- Ladle (Storybook)
- Sanity CMS
- Recharts
- Authentication: Auth0 and Okta
- Private Component Hosting: JFrog Artifactory
- AgGrid

Project-II: Company Marketing Website with SEO Optimization

Key Responsibilities & Achievements:

- Implemented comprehensive SEO strategies to boost website visibility, Core Web Vitals, and organic search performance.
- Integrated analytics tools like Google Analytics, Ahrefs, and Mixpanel to track user behavior, SEO KPIs, and marketing impact.
- Authored internal documentation guiding frontend teams on SEO-friendly coding standards and performance optimization best practices.
- Developed smooth, high-impact animations using GSAP to enhance user engagement and on-page interactivity.
- Built the website using Astro with Static Site Generation (SSG), improving SEO through faster load times, clean HTML, and minimal JavaScript.
- Implemented Strapi as a headless CMS, enabling the marketing team to manage blogs, meta tags, canonical URLs, and schema markup independently.
- Collaborated closely with marketing to design a flexible CMS structure supporting SEO-driven dynamic content updates.
- Delivered a responsive, fast-loading website that effectively showcased the company's services, increasing traffic and enhancing brand visibility.

Tools & Technologies Used:

- Astro
- Strapi
- GSAP
- SCSS
- GraphQL
- AWS amplify

Tata Consultancy Services

December 2020 - August 2022

System Engineer

Core Banking Solution:

Key Responsibilities & Achievements:

- Developed and enhanced critical internal banking system frontends used by branch employees to perform day-to-day banking operations, improving efficiency and user experience.
- Implemented multiple Internet Banking transaction modules, ensuring reliability, security, and a seamless workflow for financial operations within the core banking environment.
- Designed, developed, and optimized backend modules using COBOL to handle real-time financial data processing, ensuring high system availability and data accuracy across banking operations.
- Automated manual backend processes using Unix Shell Scripting, reducing operational effort and increasing the overall speed and efficiency of banking data management tasks.
- Collaborated daily with clients to gather requirements, troubleshoot production issues, and propose optimized solutions, leading to improved system stability and client satisfaction.

Tools & Technologies Used:

- React JS
 - JavaScript
 - CSS
 - HTML/ CSS
 - COBOL
 - UNIX/Shell Scripting
 - SQLPLUS
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AREA OF EXPERTISE

- **Core Frontend Technologies:**
 - JavaScript
 - TypeScript
 - HTML5, CSS3, SCSS
- **Frameworks & Libraries:**
 - React.js
 - Next.js
 - Astro / Svelte
 - GSAP
- **State Management:**
 - React Query / Zustand / Redux Toolkit
- **Architecture & Design Patterns:**
 - Monorepos (Turborepo)
 - Design Systems (Storybook, Ladle)
- **Performance & SEO:**
 - Core Web Vitals, Lighthouse Audits
 - SEO best practices (meta tags, structured data, SSR/SSG)
 - Lazy Loading, Code Splitting
- **Tooling & Ecosystem:**
 - Build Tools: Vite, Webpack, Rollup
 - Package Managers: npm, pnpm
 - CI/CD: GitHub Actions, GitLab CI
 - Linting & Formatting: ESLint, Prettier
 - Module Bundling / Publishing: JFrog Artifactory, private npm packages
- **Security & Auth:**
 - OAuth2, JWT
 - Auth0, Okta, Clerk
- **CMS tools:**
 - Strapi
 - Sanity
- **Testing:**
 - Unit Testing: Jest, React Testing Library
- **Soft Skills:**
 - Code reviews, mentoring
 - Architecture discussions
 - Working with cross-functional teams (Product, Design, Backend)
 - Ownership and product thinking

EDUCATION

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|---|-------------|
| • Bachelor of Computer Engineering Pillai HOC college of Engineering & Technology Mumbai University | 2016 - 2020 |
| • HSC MNR School of Excellence CBSE board | 2015 - 2016 |
| • SSC MNR School of Excellence CBSE board | 2013 - 2014 |
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