GANESH SARAKADAM

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PROFESSIONAL SUMMARY

Front-End Engineer with **5+ years of experience** specializing in **front-end development, architecture** and **scalable design systems** using **React** and **TypeScript**. Experienced in creating reusable **component libraries**, **Storybook-driven** workflows, and **WCAG-compliant** interfaces. Strong collaborator with **designers** and **engineers**, with expertise in performance optimization, automated testing, and internal tooling.

TECHNICAL SKILLS

Languages & Core: JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL, Python

Front End & UI: React, Node.js, Next.js, Redux Toolkit, Angular, Tailwind CSS, Storybook, Atomic Design Patterns

Testing & Quality: Jest, React Testing Library, Playwright, Cypress

Build & DevOps: Webpack, Babel, npm/yarn, Git, Docker, Jenkins, GitHub Actions, AWS (EC2, S3, Lambda), GCP, Kubernetes

PROFESSIONAL EXPERIENCE

Doran Jones Inc, Remote, USA: *Software Engineer*   **Aug 2024 – Aug 2025**

- Engineered **Citi's design system architecture** patterns into legacy module migrations, enabling 5+ engineering teams to transition to standardized, reusable React components and improving long-term maintainability.
- Designed and documented a **Storybook-driven React component library** to enforce consistent UI patterns (unidirectional data flow, templated components), reducing integration issues by 75% and standardizing the interface across 4+ risk applications.
- Architected and deployed a **micro-frontend architecture** with React, TypeScript, and **Webpack Module Federation**, enabling independent module deployments and improving maintainability across 5+ compliance dashboards.
- Integrated Storybook and Jest into the development workflow for all React components, enabling **visual component testing** and fostering a **component-driven** development culture, which improved **code quality** and developer confidence.
- Ensured all UI components adhered to **accessibility standards** (WCAG 2.1) by implementing semantic HTML, proper ARIA roles, and keyboard navigation support, improving usability of compliance dashboards for all users.
- Developed internal **CLI utilities** and **ESLint rules** to enforce consistent **design system** usage, cutting inconsistent component implementations by 30%.
- Collaborated closely with **UX designers** and **product managers** to translate **Figma design mockups** into pixel perfect, accessible React components, ensuring a consistent user interface with responsive design across internal applications.
- Developed internal **Figma plugins** to sync React component variants and **design tokens** with Citi's design system, reducing designer–developer handoff time by 40% and ensuring parity between coded components and design assets.

Berkadia, Platform Development Team: *Hyderabad, India, Software Engineer*   **Mar 2021 – Aug 2022**

- Refactored complex state management logic using TypeScript and Redux, improving code maintainability and simplifying asynchronous event handling in the ticketing workflow system.
- Engineered an end-to-end ticket workflow **interface** using React with optimized Redux selectors for swift UI interactions and created a **reusable "@mention" component** to streamline collaborative updates within ticketing forms.
- Configured custom Webpack and Babel builds for the front end, enabling optimized bundling, lazy-loading of modules, and cross-browser compatibility to ensure efficient delivery of React components in high-traffic environments.
- Contributed to the foundation of **Berkadia's in-house design system** by documenting **shared UI patterns** and collaborating with developers on improving component reusability for 15+ development teams.
- Advocated for **design system** usage by mentoring junior developers, **reviewing PRs** for component reuse, and delivering training sessions, **increasing Habitat component adoption** from 5 to 15+ teams and reducing duplicated UI code by 40%.

Berkadia, Platform Development Team: *Hyderabad, India, Associate Software Engineer*   **Mar 2018 – Mar 2021**

- Designed an interactive property search interface with React and Elasticsearch, implementing lazy-loaded map tiles and listing components to achieve sub-second geospatial query results across 50K+ property listings and increase broker engagement by 30%.
- Delivered RESTful Web APIs using **Node.js**, express framework. Utilized **Microservices architecture**, employing an **API Gateway** to manage and coordinate the overall architecture.
- Built reusable **React components** and form patterns, reducing duplicate code and speeding feature delivery by 40%.
- Automated unit and integration tests with **Jest** and **React Testing Library**, increasing test coverage from 45% to 92% and preventing 25 regression bugs per release in the loan processing dashboards.

EDUCATION

Master of Science in Computer Science, *Ohio University*   **August 2022 – May 2024**
Bachelor of Technology in Computer Science, *JNTUH*   **August 2014 – March 2018**