

Reeha Kolagani

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PROFESSIONAL SUMMARY

Frontend Engineer with 4+ years of experience building high-performance, scalable web applications using React, TypeScript, JavaScript, Tailwind CSS, Bootstrap, GraphQL, React Native, Angular, and Next.js. Proven track record of improving user engagement (20%+) and reducing load times (30%) through performance optimization and modern UI architecture. Strong experience in state management, REST API integration, and responsive design within Agile environments.

TECHNICAL SKILLS

- **Frontend Technologies:** React, TypeScript, Next.js, Angular, JavaScript (ES6+), GraphQL, Vue.js, HTML5, CSS3
- **Backend Technologies:** Python (FastAPI, Django, Flask), Java, Spring Boot, C | **CSS Tools:** Bootstrap, Tailwind CSS
- **State Management:** Redux, Context API | **Testing Frameworks:** Jest, Chrome DevTools, React Testing Library
- **Development Tools:** Git, GitHub, Postman, Kibana, Figma, Trello, Jenkins, Maven | **Databases:** SQL, PostgreSQL, MongoDB

CERTIFICATIONS & WORKSHOPS

- Modern React with Redux and Material UI
- Modern Next.js Development (App Router & SSR)
- Responsive Web Design: Modern CSS techniques like Grid, Flexbox and JavaScript performance optimization techniques.
- The Complete Web Development Bootcamp

EXPERIENCE

UI/UX Frontend Engineer | Incrivelsoft | USA | July 2025 - Present

- Leading frontend development for TummyTales, a community-driven platform for pregnant women, architecting scalable and responsive UI components using React, TypeScript, and Tailwind CSS.
- Collaborate with designers and backend engineers to optimize user interaction flows and improve engagement across features.
- Refactored component architecture and optimized rendering performance across 10+ application screens, reducing unnecessary re-renders and latency while improving responsiveness.
- **Technologies:** React, TypeScript, Tailwind CSS, React Router, useState and useEffect React hooks, Chrome DevTools.

Frontend Developer | GBCS Group | USA | May 2024 - April 2025

- Engineered UI components for Voop, with real-time updates and detailed features, which improved user interaction by 20%
- Optimized performance, reducing page load time by 30% through code splitting, lazy loading and debouncing the API calls.
- Integrated REST APIs for proposal management with 15% error reduction via enhanced exception handling and pagination.
- **Technologies:** React, React Hooks, React Routing, Redux, HTML5, CSS3, JavaScript, Figma, Postman, Bootstrap

Software Developer | IBM | India | Jan 2022 - June 2023

- Developed dynamic and responsive UI modules for State Bank of India's YONO banking application using AngularJS and Java, integrating RESTful APIs to ensure seamless front-end and back-end communication.
- Improved rendering performance and load times by implementing lazy loading and reusable component architecture, enhancing UI consistency and maintainability within Agile development cycles.

Software Developer | Pantech Solutions | India | November 2020 - March 2022

- Built single-page applications using React, HTML5, CSS, and JavaScript, reducing rendering time by 25% via optimization.
- Designed reusable React components and integrated RESTful APIs, improving responsiveness and overall code maintainability.

EDUCATION

Master of Science in Computer Science | University of Alabama at Birmingham | GPA: 4.0/4.0

Relevant Coursework: Adv Algorithms & Data Structures, Database App Dev, Probability & Statistics in CS, Database Systems

PROJECTS

Smart Web Annotator | React | Canvas API | Chrome Extension | <https://github.com/KolaganiReeha/ChromeExtension>

- Developed a Manifest V3 Chrome Extension using React and the HTML5 Canvas API to enable structured webpage annotation with layered rendering and PNG export.
- Architected a state-driven annotation system with Undo/Redo stack management and Chrome storage integration, ensuring clean separation between rendering logic and application state in a Manifest V3 environment.

QuickCart E-commerce Web App | React | Pagination | Bootstrap | <https://kolaganireeha.github.io/quickCart/>

- Designed and built a fully responsive e-commerce web app with React and React Router, enabling users to browse, filter, and search products fetched dynamically from DummyJSON API with pagination and routing.
- Engineered real-time cart functionality including quantity updates, subtotal calculations, and a checkout process using React hooks and component state, enhancing shopping flow and reducing UI friction and styled with bootstrap and SEO-friendly HTML tags.

Weather App | OpenWeatherAPI | React | Bootstrap | JavaScript | Axios | <https://kolaganireeha.github.io/weatherApp/>

- Developed a responsive React weather application using the OpenWeatherMap API to fetch the real-time weather data.
- Enhanced UX with dynamic backgrounds that update based on weather conditions and intuitive icons for metrics like temperature, humidity, wind speed, visibility, and sunrise/sunset times. Used React hooks for state management & side effects.