

KEEGAN FRANKY COLACO

[Github](#) [in LinkedIn](#) [Twitter](#) [Portfolio](#)

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PROGRAMMING SKILLS

Languages: JavaScript, Typescript, HTML5, CSS3, C++

Technologies/Frameworks: React.js, Next.js, Redux toolkit, Tailwind CSS, Bootstrap, Jest, PWAs, RESTful APIs, EcmaScript

Developer Tools: Git, Github, VS Code, Elementor, Storybook, Figma, Webpack, Babel

EXPERIENCE

Frontend Developer

January 2025 – Present

Lucres

Remote

- Built a scalable **real-time messaging system** in Next.js and TypeScript using Socket.IO, supporting 1:1 and group communication for **23,000+ active users**, featuring optimistic updates, resilient reconnect strategies, virtualized threads, presence tracking, and low-latency real-time interactions.
- Identified and fixed a critical **OOMKill crash-loop** causing repeated production pod failures, improving SSR stability and **reducing server infrastructure costs by 40%**.
- Engineered an **AI-powered resume builder** with PDF parsing for one-click import into structured fields, a **real-time multi-template preview** engine with lossless layout switching, and a contextual AI suggestion system providing section-aware content recommendations.
- Architected **multi-tenant SSR career pages** in Next.js enabling companies to host fully customized job listing sites on subdomains or custom domains, with a client-side **SSO authentication flow**.

Freelance Frontend Web Developer

January 2023 – March 2024

Freelancer

Remote

- Delivered high-performance, accessible websites for **8+ dermatology and dentistry clients** using React.js and Next.js, focusing on conversion-driven UI, strategic CTAs, and WCAG-compliant experiences to maximize patient lead generation.
- Drove a **60% lift in organic search traffic** within 3 months by executing on-page SEO and Lighthouse-guided Core Web Vitals optimization.
- Implemented **Generative Engine Optimization (GEO)** strategies to enhance client discoverability on AI search platforms like ChatGPT and Perplexity, driving visibility for niche healthcare practices.

Frontend Developer Intern

August 2018 – October 2018

Deviant Strokes

Goa, India

- Collaborated with product designers and backend developers to deliver responsive, high-quality user interfaces aligned with **design principles and UX best practices**.
- Created **dynamic** user interfaces using **HTML, CSS, JavaScript and Bootstrap**, conducting thorough testing and debugging to ensure **cross-browser compatibility** and resolving **15+** issues.
- Optimized **web performance and accessibility** by implementing **lazy-loading, image compression, and semantic HTML with ARIA attributes**, improving **Lighthouse scores**

PROJECTS

ImagiFix - Photo Editing WebApp | *Vanilla JS, HTML, CSS3*

[🔗 Live](#) — [🔗 Code](#) — [📺 Demo](#)

- ImagiFix is a photo editing web app leveraging the **Canvas API and Vanilla JS only** for flexible image manipulation.
- Engineered advanced **image manipulation features**, including **6 filters**, precise cropping, rotation, flipping, and customizable text overlay functionalities.
- Transformed ImagiFix into a **Progressive Web App (PWA)**, ensuring **full responsiveness**, offline functionality, and enhanced accessibility.
- Achieved a **perfect Lighthouse score of 100** for adherence to **best practices** in development.

YumBites Food - Food Ordering WebApp | *React, Tailwind CSS, Redux Toolkit, Jest*

[🔗 Live](#) — [🔗 Code](#) — [📺 Demo](#)

- Integrated a **live** restaurant data API to fetch **real-time restaurant data**, ensuring up-to-date information for users.
- Implemented a search bar with **debouncing to enhance performance** by preventing redundant API calls.
- **Managed state** effectively using **Redux Toolkit** for seamless data management and enhanced user experience.
- Ensured code quality through comprehensive **unit and integration testing using Jest**, achieving a **95% test coverage rate**.

EDUCATION

Goa Engineering College

Bachelor of Engineering (B.E) in Computer Engineering (CGPA: 7.78)

2019 – 2022

Goa, India

Government Polytechnic Curchorem

Diploma in Computer Engineering (CGPA: 8.79)

2016 – 2019

Goa, India