

Lavanya Chand

Software Engineer

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Versatile Frontend Software Engineer skilled in React, TypeScript, and Next.js, with a focus on building scalable, high-performance web applications. Experienced in advanced UI frameworks, responsive design, and cross-platform optimization. Passionate about crafting intuitive user experiences and writing clean, maintainable code that drives real product impact through collaboration and innovation.

Professional Experience

Resilience Inc.

[Remote](#) | February 2025 - Present

Frontend Developer (July 2025 – Present), UX Designer (February 2025 – July 2025)

- Contributing to the development of a climate refugee mobile app using React Native, TypeScript, and Material UI, building scalable and responsive user interfaces.
- Designed and completed Figma-based wireframes, prototypes, and user flows, which improved usability test success rates by 45% and cut onboarding friction in early testing.
- Applied UX principles (typography, color theory, accessibility) to create visually cohesive designs, resulting in a 50% faster developer handoff and fewer design-related revisions.
- Translated design workflows into functional components, streamlining cycles and supporting quicker feature rollout.
- Collaborated with designers, developers, and product managers to align UI/UX with technical feasibility and ensure accessibility for diverse users.

Skinstric AI

[Remote](#) | July 2025 - September 2025

Frontend Engineer

- Built a privacy-first skincare analysis platform using Next.js, TypeScript, and Zustand, implementing a multi-step onboarding flow with validation and localStorage that increased user completion rates by 35% and reduced drop-offs during setup.
- Developed a robust image ingestion system using React and the MediaDevices API, supporting both base64 uploads and live selfies, which expanded compatibility across 95% of tested devices and reduced user upload errors by 40%.
- Integrated with Skinstric’s private API powered by OpenAI Vision to process facial images and display demographic, age, and gender predictions with normalized scores and precise formatting for clear user interpretation.
- Designed a responsive, Figma-faithful interface using TailwindCSS and implemented GSAP animations for seamless transitions between loading, analysis, and results, boosting engagement with recommendation cards by 60%.
- Tuned client-server interactions and optimized Next.js Server Components to achieve sub-2-second analysis latency, contributing to an overall detection accuracy of 98% across diverse skin conditions.

Resilience Inc.

[Remote](#) | August 2024 – December 2024

AI Software Engineer Intern

- Enhanced AI-driven features for the AIMEE mobile app, improving app stability by 35% through new user-facing functionalities and critical bug fixes.
- Built secure Firebase authentication and user management systems, reducing login errors by 40% and ensuring safe data storage across client and server.
- Developed reusable components and scalable solutions, cutting future development time by 20% while supporting product strategy and roadmap goals.

Projects (personal)

BingeBuddy (Movie Streaming Platform): [Live Demo](#) | [GitHub Link](#)

Created a fully functional search platform for movies

- Engineered & integrated a search API for movies with a fully responsive design, loading states & dynamic routing to showcase end users movies on a mass level search and showcase movies on an individual route.

Postgram (Instagram Clone): [Live Demo](#) | [GitHub Link](#)

Created a responsive social media platform inspired by Instagram (Sign-up required)

- Designed a social media app with React and TypeScript where users can create, edit, and interact with posts in a clean, mobile-friendly interface powered by Appwrite for authentication and shadcn/ui for polished components.

Technical Skills

Programming Languages: TypeScript, JavaScript, HTML, CSS

Frameworks & Libraries: React.js, React Native, Next.js, TailwindCSS, Shadcn/ui, Redux, Zustand, React Query, React Hook Form

Backend & Databases: Firebase, Appwrite, RESTful APIs, MySQL (*academic*), MongoDB (*academic*)

Tools & Platforms: VS Code, Android Studio, Git, GitHub, Vercel, Vite, Figma, React Testing Library

Concepts: Responsive Design, Component Reusability, State Management, API Integration

Education:

Master of Science in Computer Science: Saint Louis University

[January 2023 - December 2024](#)

Other

Other Interests: Exploring AI applications in front-end development; listening to podcasts on history and storytelling.