

# Lavanya Chand

## Frontend Developer

[Linkedin](#) | [GitHub](#) | [Portfolio](#) | (+1 (314) 337-4858) | (lavanyachand113@gmail.com) | (St. Louis)

A versatile frontend developer experienced in React, TypeScript, and Next.js, skilled at building scalable and efficient applications. Adept in advanced UI frameworks, responsive design, and cross-platform optimization. Collaborative team player, delivering clean, maintainable code and impactful solutions for diverse industries.

## 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**, guiding users through a multi-step onboarding flow with strict client-side validation, persistent **localStorage**, and intuitive navigation controls.
- Developed a robust image ingestion system using **React** and the **MediaDevices** API, enabling both **base64** uploads and live selfie capture, while gracefully handling permissions and device-specific edge cases.
- 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 precision formatting for clear user interpretation.
- Designed a responsive, Figma-faithful interface using **TailwindCSS**, and layered in **GSAP** animation timelines to create smooth transitions between loading, analysis, and results—boosting engagement with recommendation cards by 60%.
- Tuned client-server interactions and leveraged **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 using **React** 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:** React, TailwindCSS, Firebase, Appwrite, NextJS, React Query, React Hook Form, Redux. Zustand  
**Tools & Other platforms:** Vercel, GitHub, Vite, Figma, VsCode, React Testing Libraries, Figma

## Education:

**Master of Science in Computer Science:** Saint Louis University [January 2023 - December 2024](#)

**Other**

**Interest:** Curious about bringing 3D animation into front-end experiences.

**Hobby:** Enjoy listening to podcasts about historical events and stories.