Shani Tripathi

Senior Software Engineer

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SUMMARY

With 4+ years as a Frontend Developer, I create and maintain complex web applications using modern frontend technologies. I collaborate closely with team members and stakeholders to deliver responsive, user-friendly solutions.

PROFESSIONAL EXPERIENCE

Kitman Labs | Senior Software Engineer   Dec' 24 - Present

Description: A performance intelligence platform that helps sports teams optimize athlete health, performance, and operations through data-driven insights. (kitmanlabs.com)
Environment: React, Redux, RTK, RTL/Jest, Flow, MUI, Circle CI, Github

- Initiated and led the removal of **barrel files**, optimizing build performance with a **40% smaller initial chunk**, **14-minute faster CI tests**, and **50% faster HMR**.
- Took initiative to improve usability across the platform by implementing sticky filters and redesigning problematic UI sections — reducing friction and improving workflow efficiency for end users.
- Contributed to the migration of over **750 Enzyme tests to Jest**, unblocking the project's upgrade to **React 18** and improving long-term product maintainability.
- Improved developer workflow by introducing a **GitHub composite action** for automatic review requests and implementing **custom ESLint rules** to enforce consistent styling practices.
- Developed an **Email Logs interface** to help product and support teams monitor all team-sent emails and delivery statuses, improving issue resolution time and reducing back-and-forth with engineering.

Axonista | Senior Front-end Developer   Feb '24 - Dec' 24
| Front-end Developer   Apr '21 - Jan'24

Description: An interactive video platform that delivers immersive and shoppable video solutions. (axonista.com)
Environment: Sveltekit, Svelte, Typescript, Graphql, Tailwind, Xstate, Azure, Bitbucket

- Initiated and owned end-to-end migration of a major TV web app from Svelte to SvelteKit. This made the app **30% faster**, **cut build times by 20%**, and boosted developer productivity.
- Built a streaming website from the ground up, delivering the MVP within a **tight deadline of two months**
- Developed a "YouTube Shorts" like feature, which led to a **15% increase in user engagement** and retention on the platform
- Implemented platform-specific techniques for autoplaying videos, including preloading strategies that **improved video load performance by 40%** on key devices
- **Decreased Change Failure Rate** by building a mechanism for QA engineers to test application on production data before every release
- **Improved project health** by regularly updating dependencies, dead code removal, etc
- Mentored & assisted other developers with fixes and feature development
- Promoted to Senior Developer within three years for delivering high-impact solutions

Chiku - Journal, Diary & Mood Tracker | Software Engineer Intern   (remote) | Dec '20 - Feb '21

Description: A cross-platform personal diary mobile app to track daily activities and inspire self-improvement. (chiku.app)
Environment: HTML, SCSS, Javascript, React, React Native, Redux, AWS

- Studied the existing **React Native** Application to follow similar coding practices like the other developers of the team
- Worked on replicating a community platform (which already existed in the app) to a website using **React / Redux**
- Implemented **Server Side Rendering** for better **SEO** and faster **FCP**

- Integrated **3rd party libraries** and used **REST APIs** for the application's backend

KEY SKILLS

Frontend Development	Requirement Gathering	Responsive Design & SEO
Maintenance	Stakeholder Liaison	3rd Party Services Integration

TECHNICAL SKILLS

Typescript / Javascript	SvelteKit / Svelte / React	HTML / CSS
NodeJs / Express	Prisma / Drizzle	SCSS / Bootstrap / Tailwind

EDUCATION

M.Sc. in Data Analytics | Dublin Business School	Dublin, Ireland | Jan '19 - Feb '20
B.Tech. Computer Science | GIT Jaipur	Jaipur, India | Aug '14 - Jul '18