KESHAV KATTEL

Frontend Developer

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PROFESSIONAL SUMMARY

Frontend Developer with **1.5+ years** of professional experience developing modern, scalable web applications and tooling using **React.js**, **TypeScript**, and **Next.js**. Proven success in delivering high-quality, high-performance user interfaces and building process automation tools like **Chrome Extensions** for enterprise clients.

PROFESSIONAL EXPERIENCE

Frontend Developer   2024 - Present (1.5+ Years)
Cognix Insights — Kathmandu, Nepal

– **Core Platform Development:** Led frontend development for **Tradeflow**, a comprehensive brokerage services platform, utilizing **React.js, Next.js, TypeScript, and Material UI** to deliver high-quality client management systems and financial reporting interfaces.

– **Process Automation & Tooling:** Designed and built **Chrome Extensions** to automate complex, repetitive internal processes, significantly increasing operational efficiency:
  – Developed an extension to automate **sell bill creation** for withdrawal requests within the BOSS website (NaasaX clients).
  – Developed an extension to automate the **CNS mapping** process for clients of NAASA Securities.

– **Data Reporting System:** Developed the **SMS Report** system, a dashboard built with **Next.js and Shadcn/ui**, providing real-time analytics on SMS traffic (Ncell, NTC) sent to clients by different companies.

EDUCATION

Bachelor in Computer Science and Information Technology (CSIT)   Oct 2018 - Nov 2024
Shreeyantra College

Higher Secondary Education (+2)   Jul 2016 - Apr 2018
Nepal Darsan College

Secondary Level Education (SEE)   Apr 2003 - Mar 2016
Sayapatri English School

Skills & Tools

Languages	JavaScript, TypeScript, HTML, CSS
Frameworks/Libraries	React.js, Next.js, Zustand, Redux, Tanstack Query, Apollo Client
API/Data	RESTful API Integration, GraphQL
Authentication/Security	Authentication & Authorization, OAuth, Content Security Policy (CSP), DOMPurify
Security Practices	Mitigation of key vulnerabilities: XSS, CSRF, and CORS issues.
UI/Styling	Tailwind CSS, Shadcn/ui, Material-UI, Framer Motion
Form Management	React Hook Form, Formik, Zod, Yup
Performance Optimization	Memoization, Code Splitting, Lazy Loading, Image Optimization, Lighthouse analysis, React DevTools.
Tooling & Dev Ops	Git, GitHub, Azure, ESLint, Prettier, Husky, Webpack, Rollup
Debugging & Testing	React Dev Tools, Lighthouse, Sentry, Testing Frameworks (e.g., Vitest/Jest/RTL)
Other Skills	Responsive Web Design, Component-Based Architecture, Chrome Extensions Development

Languages

– Nepali

– English

– Hindi

Interests & Passions

– **Coding:** Passionate about learning new technologies and solving complex problems

– **Teaching:** Enjoy sharing knowledge and mentoring others in technology

– **Cricket:** Active interest in playing and following the sport

– **Continuous Learning:** Always exploring new frameworks and development methodologies

References available upon request