

Keshab Chai

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PROFESSIONAL SUMMARY

React Developer and Frontend Engineer with 2+ years of experience delivering production-ready platforms, real-time apps, and scalable multi-tenant systems. Known for taking ownership of complex problems and turning them into maintainable, user-friendly solutions. Skilled in modern JavaScript frameworks, TypeScript, and cloud integrations, with proven success collaborating across teams to ship secure, high-impact products.

SKILLS

- **Frontend Development:** React.js, Next.js, Astro, JavaScript (ES6+), TypeScript, HTML5, CSS3, Responsive Design
- **Architecture & Systems:** Multi-tenant platforms, modular UI design, TypeScript migrations, Frontend architecture, security audits
- **State & Data:** TanStack Query, Redux Toolkit, RTK Query, WebSocket (STOMP), RESTful APIs
- **UI & Styling:** Tailwind CSS, Ant Design, Apache ECharts
- **Integrations:** Stripe Payments, OpenAI (Chat & Voice Agents), Gemini AI
- **Tools & Practices:** GitHub/GitLab, Git Workflows, Vitest, Jira, Figma, Postman, SEO optimization
- **Programming:** JavaScript (ES6+), TypeScript, HTML/CSS, Python

WORK EXPERIENCE

React Developer

AusNep IT Solution Pvt. Ltd.

10/2023 - Present

Sydney, New South Wales (Remote)

- Collaborated with 2 backend engineers to evolve a single-tenant e-commerce build into a **multi-tenant platform** with admin-controlled theming, module toggling, automated onboarding, and centralized infrastructure, enabling unlimited storefronts and faster company scaling.
- Engineered cutting-edge **AI voice agents** using both traditional (Whisper/GPT/TTS) and real-time API pipelines (GPT-4o-mini-preview/WebRTC) to facilitate live, bidirectional conversations and transcription.
- Implemented **real-time chat** using STOMP/WebSocket, enabling messaging and improving responsiveness across the platform.
- Migrated projects from JavaScript to **strict TypeScript**, boosting developer speed and confidence with autocomplete, type-safe refactoring, and property validation, cutting rework time by ~25%.
- Partnered with backend engineers to deliver a **secure Stripe payments flow** with saved details, replacing insecure legacy solutions and reducing friction for repeat customers.
- Introduced **TanStack Query** to standardize API integration, eliminating verbose Redux-based patterns and inconsistent setups, cutting boilerplate and reducing API errors, and reducing API development time by ~40%.
- Rebuilt the main **CRM/Dashboard frontend**, solving critical scrolling/UI bugs and introducing persistent navigation states for a significantly smoother and more professional user experience.
- Improved **application security** by conducting comprehensive frontend audits and disabling source map leakage, **preventing exposure of production source code**.
- Migrated a legacy **ticket management system** from PHP to React, improving navigation speed by ~80% and simplifying onboarding for new users.
- Delivered an **RTO management system** with IP tracking, automated workflows, and a **Google Drive-like file system**, streamlining storage and communication for 500+ students and staff.
- Took over a **service enquiry platform** mid-project, fixed a core architectural issue blocking product marketing, completed key features, and improved usability ensuring successful launch.

EDUCATION

St. Lawrence College, Tribhuvan University

Bachelor in Computer Science and Information Technology

Kathmandu, Nepal

2019 - 2023

Golden Gate International College, Tribhuvan University

+2 Science

Kathmandu, Nepal

2017 - 2019