Er. Mishan Khatri

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PROFESSIONAL SUMMARY

Solution-driven **Senior Full Stack & Mobile Engineer** with 4+ years of experience building responsive, high-performance web and mobile applications using JavaScript, React.js, Next.js, React Native , Tanstack, and Expo . Skilled in delivering scalable solutions with modern technologies such as TypeScript, tRPC, and PostgreSQL. Proven success in optimizing application performance by 30%, reducing development time by 25%, and leading cross-functional teams to deliver enterprise-grade multi-tenant systems and AI-integrated web platforms.

WORK EXPERIENCE

Senior Full Stack & Mobile Engineer
At WhosLive Inc. | *Dec 2025 – Oct 2026*

- Orchestrated a **multi-stage Expo SDK migration** (v50 to v57) for a high-traffic streaming platform, ensuring 100% stability across Web, iOS, and Android for ***WhosLive.io***.
- Optimized **mobile performance by 30%** through the implementation of FlashList, advanced memoization, and efficient asset handling.
- Engineered a **robust Authentication & Onboarding system** featuring social logins, email verification, and automated username generation with complex redirect logic.
- Managed **end-to-end Mobile DevOps**, including automated builds via EAS, beta distribution through TestFlight, and **production releases on the App Store and Play Store**.
- Integrated **third-party streaming APIs** (Twitch, YouTube, Kick, Rumble) and **developed complex UI features** like **iOS 26 Liquid Glass Design, double-tap haptic interactions and custom PiP navigation.**
- Collaborated on **type-safe API contracts using tRPC and modular provider architecture** for adding streaming platforms.
- Improved **mobile navigation, feed interactions, and platform-native behavior** with a focus on performance and usability.
- Portfolio case study reports support for **10,000+ live streams across 4 platforms** and an **85% mobile engagement rate**
- Developed ecosystem products including:
    - Whoslive Studio (***https://studio.whoslive.io***) **-** WhosLive Studio merges YouTube, Twitch, Kick, and Rumble chat into one live feed with moderation, AI auto-mod, and an engagement feed
    - Whoslive Radar (***https://radar.whoslive.io***) - Premium SaaS analytics platform for the live-commerce industry. Tracks trending products across TikTok Shop, Whatnot, Amazon Live, and more.

Full Stack JavaScript Developer
At MaxiMax Education and Migration Services | *Sept 2024 – Nov 2025*

- Developed a **multi-tenant** Agent Management Portal (***www.agentmanager.com.au***) with **50+ granular permissions** using PostgreSQL Row-Level Security including 3 separate portals for client, institute and employees.
- Implemented a permission-aware dashboard system with **23+ configurable widgets** and API- level role filtering.
- Developed a tRPC-based backend integrated with Drizzle ORM and PostgreSQL, improving API performance and **reducing response time by 40%.**
- Built **AI-powered automation pipelines (OpenAI API)** for document analysis, data extraction, and email handling.
- Configured Dockerized environments and CircleCI CI/CD pipelines for zero-downtime deployments.
- Engineered secure **file storage with Azure Blob**, and implemented subscription management, notifications, and KPI systems.
- Led the development of major modules including Authentication, Visa Application Processing, KPI Tracking, Finance, and Document Systems.
- Integrated **Stripe payment gateway** for the proper role based multitenant service for the different pricing segments
- Developed supporting products including:
    - FindTheCourses (***www.findthecourses.com.au***): Digital education platform for university and college connections includes 3 separated client, institute and employee portals.
    - Aecacademy (***www.aecacademy.com.au***): LMS integrated with Moodle for education consultant training.
    - MaxiMax Website (***www.maximax.com.au***): International SEO-friendly CMS with **integrated lead generation AI chatbot (built with N8N AI Automation**) and **PAYWAY integration**. Includes **internationalized dynamic sites** for different domains: AU (Australia) , MN (Myanmar), NP (Nepal) and PH (Philippines)

Frontend Engineer (Web3/Mobile)
At Xcellabs Pvt. Ltd | *Nov 2023 – Sept 2024*

- Built cross-platform React Native apps integrating **WalletConnect, Cedro Finance, and custom verification systems.**
- Optimized Next.js applications for speed, SEO, and mobile responsiveness, **improving performance scores by 35%.**
- Integrated crypto-based booking and wallet apps ***(XcelPay, XcelTrip***) supporting BTC, ETH, and USDT payments.
- Implemented **reusable theming and design systems** to modernize legacy codebases without breaking existing functionality.

Frontend Engineer (Remote)
At Oownee LLC | *May 2023 – Apr 2024*

- Developed property management dashboards using Next.js and TypeScript for multi-vendor platforms.
- Integrated REST APIs**, SSE streams**, and AI-based chat for real-time communication.
- Delivered **responsive UI from Figma designs**, ensuring modularity and maintainability.
- Project***: www.oownee.com*** – a full-featured property management solution with 3 different portals for Property Manager, Real Estate Manager, & Tenants

Frontend Engineer
At ClinchTech Pvt. Ltd | *Sept 2022 – Apr 2023*

- Built interactive React and Next.js components from Figma designs with TypeScript-based type safety.
- Integrated user authentication, payments, quizzes, and streaming features.
- Key Projects: ***meropadhai.com (LMS platform), everestbuzz.com (travel portal),*** and educational websites such as ***nepaledu.org*** and ***infomaxcollege.edu.np***.

JavaScript Developer
At Black Tech Pvt. Ltd | *Jul 2022 – Sept 2022*

- Converted Figma designs into responsive React components.
- Integrated REST APIs and authentication systems.
- Key Projects: ***booklifter.com*** (digital library network) and ***restrox.co*** (restaurant management platform

SKILLS

- **Mobile:** React Native, Expo (Managed/Bare), EAS (Expo Application Services), SDK Migrations (v50–v57), FlashList, Haptics, PiP (Picture-in-Picture), Android QA.
- **Frontend:** React.js, Next.js, TypeScript, Tailwind CSS, shadcn/ui, Framer Motion, Responsive Design, Glassmorphism, Liquid Glass (iOS application)
- **Backend & API:** Node.js, Express.js, Django/DRF, FastAPI, tRPC, REST API, SSE (Server-Sent Events), GraphQL,Websocket,.
- **Database & ORM:** PostgreSQL (RLS), MongoDB, MySQL, Drizzle ORM, Prisma.
- **DevOps & Deployment:** App Store Connect, Google Play Console, TestFlight, Docker, CircleCI, Azure, Vercel, Nginx.
- **Integrations:** Live Streaming (Twitch, YouTube, Kick, Rumble,TikTok), OpenAI API, Web3 (WalletConnect), Stripe, PayWay.

PERSONAL / SCHOLAR PROJECTS

- React Khatra Placeholder – npm library for generating skeleton loaders (https://mishankhatri.github.io/react-khatra-placeholder-docs)
- GeetSunam – Nepali music streaming platform with genre-based recommendations (Thesis: Research Gate)
- Class Management System – Academic management app using React, Django, and MySQL (https://github.com/Mishankhatri/Class-Management-System)

CERTIFICATIONS

- Product Owner, Product Manager course Web3, DeX, GameFi, NFT (Udemy)
- Academy Accreditation – Generative AI Fundamentals (Databricks)
- Introduction to YouTube SEO: Boost your marketing skills (Simplilearn)
- Learn Blockchain and Cryptocurrency (Udemy)
- Python for Everybody Specialization (Coursera)
- SEO Audit Beginner to Pro (Udemy)
- Google Tag Manager Fundamentals (Google)
- Fundamentals of Graphic Design (Coursera) & Introduction to Typography (Coursera)
- Introduction to Public Speaking (Coursera)

EDUCATION

- Bachelor of Computer Engineering – Paschimanchal Campus, Pokhara *(2018 – 2022)*
- Shree Amarsingh Model Higher Secondary School – Pokhara, Nepal *(2016 – 2018)*