

# Samrajya Pratap Rana

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## PROFESSIONAL SUMMARY

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Full Stack Developer with 3+ years of experience building scalable web applications and microservices. Proficient in TypeScript, TypeORM, and modern web technologies. Proven track record of delivering end-to-end solutions from frontend interfaces to backend systems and database architecture. Passionate about writing clean, efficient code and working smart to solve complex technical challenges.

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, HTML5, CSS3, SQL  
**Frontend:** React, Next.js, Tailwind CSS, Fluid Design  
**Backend:** Node.js, Express.js, NestJS, RESTful APIs, WebSockets, Server-Sent Events (SSE), Event-Driven Architecture, Microservices  
**Databases & Caching:** PostgreSQL, MySQL, MongoDB, Redis  
**ORMs:** TypeORM, Prisma  
**Tools & DevOps:** Git, GitHub, Linux  
**Other:** API Integration, System Design, Testing

## PROFESSIONAL EXPERIENCE

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**Full Stack Engineer** May 2024 – Present  
*Squree* Kathmandu, Nepal

- Built an end-to-end trekking booking platform enabling tourists to discover and book trekking adventures across Nepal.
- Currently building an end-to-end hotel booking platform enabling users to discover and book hotels across Nepal through a scalable and dynamic web application.
- Architecting the platform to support future expansion into flight booking, cab booking, and bus travel booking services under a unified travel ecosystem.
- Developed dynamic frontend interfaces and engineered backend APIs and database systems to manage booking workflows, user authentication, and payment processing.
- Collaborated with cross-functional teams to deliver features following Agile methodologies.

**Full Stack Engineer** January 2026 – May 2026  
*Xtraviz Solutions Pvt. Ltd.* Kathmandu, Nepal

- Integrated a flight ticket booking system as an independent microservice into an existing ticket booking platform, improving system modularity and scalability.
- Analyzed and implemented vendor API documentation, mapped heterogeneous vendor responses into a unified business response model, and provided a consistent interface for client applications.
- Developed data transformation pipelines including XML-to-JSON translation and response normalization to simplify downstream consumption and improve maintainability.

**Full Stack Engineer** January 2026 – April 2026  
*Next Evolution* Kathmandu, Nepal

- Migrated a legacy React application to Next.js, modernized outdated dependencies, integrated backend services and databases, and transformed the platform into a fully dynamic web application.
- Led the frontend team by coordinating development efforts, establishing implementation standards, and improving delivery efficiency.
- Built an end-to-end workforce management application for a U.S.-based healthcare business to manage employee clock-in/clock-out tracking, leave management, and automated PDF generation with backward compatibility to legacy system outputs.
- Contributed to the development of a guide booking platform by leading frontend development, refactoring and reorganizing the codebase for long-term scalability, collaborating with backend engineers on architecture improvements, and supporting application testing and quality assurance.

## Frontend Web Developer

January 2024 – August 2024

*Xtraviz Solutions Pvt. Ltd.*

*Kathmandu, Nepal*

- Developed ChopShop, a barber booking system enabling users to schedule appointments and barbershops to list their services on the platform.
- Created responsive and intuitive user interfaces using modern frontend frameworks and CSS preprocessors.
- Implemented real-time appointment scheduling functionality with calendar integration and notification systems.
- Collaborated with backend team to integrate REST APIs for seamless data flow between frontend and backend.
- Ensured cross-browser compatibility and mobile responsiveness across all user-facing features.

## EDUCATION

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### **Pashupati Multiple Campus**

2021 – 2025

*Bachelor of Computer Application (BCA)*

*Kathmandu, Nepal*

### **Liverpool International College**

2016 – 2020

*BCA, Computer Science*

*Kathmandu, Nepal*

## ADDITIONAL INFORMATION

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**Freelance Experience:** Completed projects on Freelancer.com and Fiverr.com, demonstrating self-management and client communication skills.

**Work Philosophy:** Strong believer in working smart — combining hard work with strategic thinking to deliver optimal solutions.

**Languages:** English, Nepali (Native)