

ROHIT SHRESTHA

Kathmandu, Nepal

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SKILLS SUMMARY

Programming & Development

TypeScript, Next.js, React.js, TailwindCSS, GSAP, JavaScript, Three.js, DrizzleORM, tRPC, Ngrok, Prisma, Tanstack Query, Recharts, Flutter

UI/UX & UI Component Libraries

Figma, Shadcn, AceternityUI, Framer Motion, MaterialUI

Mapping & Geospatial Technologies

Cesium, Leaflet, Mapbox, OSM, GeoJSON, GPX, GoogleMaps

Development Tools & Methodologies

Git, GitHub, Postman, VS Code, Notion, Figma, Eraser, Agile, Scrum, Docker

PROFESSIONAL EXPERIENCE

Frontend Developer Intern | Going Genius Group Of Companies

Kathmandu, Nepal

Full-time - Remote

Mar 2024 – Dec 2024

- **Tech Stack:** Next.js, React.js, Mapbox, Cesium, Leaflet, OSM, Prisma, OAuth, Recharts
- **Spearheaded** frontend development as part of a dynamic team to deliver high-quality web applications.
- **Collaborated** closely with senior project managers and backend teams to manage tasks.
- **Specialized** in integrating Cesium, Leaflet, OSM, Next.js, GeoJSON, GPX, 3D models into webapps.

MAJOR PROJECTS

1. [Xploverse Web Application](#):

Tech Stack: Next.js, TailwindCSS, TypeScript, Mapbox, Shadcn, AceternityUI

- In this project, I developed a web-based platform using **Next.js** and **TypeScript**, aiming at simplifying long-distance trip planning and encouraging carpooling
- Built frontend architecture with modular UI using **TailwindCSS**, **Shadcn**, and **AceternityUI**.
- Integrated **Mapbox** and **OpenStreetMap** for route planning and map visualization.
- Developed **carpooling system** to let users join public trips and find companions.
- Implemented **review and rating system** for trip feedback that is publicly visible but can only be create by the users who are enrolled in that specific trip. [\[backend live\]](#) [\[frontend live\]](#)

2. [AI Interview Agent/Helper](#):

Tech Stack: Next.js, Tailwind, TypeScript, Shadcn, Gemini, VapiAI

- In this project, I built an **AI-powered interview preparation tool** using **Next.js**, with a focus on real-time interaction and feedback for users preparing for interviews.
- Developed the user interface using **TailwindCSS** and **Shadcn** components, creating a clean, intuitive, and responsive design.
- Designed and built **AI-driven interview simulator** with real-time feedback.
- Integrated **Gemini** and **VapiAI** for voice-based dynamic Q&A sessions.
- Developed **performance scoring** and **improvement suggestion** system to suggest users on the areas they need to improve. [\[live\]](#)

3. [Xploverse: 🌐](#)

Tech Stack: Flutter, Firebase

- In this project, I developed a cross-platform mobile application using **Flutter**, designed to help users discover and engage with events through an interactive map-based interface.
- Integrated **Leaflet Maps** for geolocation, custom markers, and route viewing to reach selected event.
- Developed **ticket booking system** with QR code generation that generates a QR for each ticket or a combined QR based on user preference.
- Implemented **Firebase Authentication**, **Cloud Firestore**, and **Firebase Storage** to manage user's data, events and images.
- Worked on the **navigation-to-event** feature, integrating mapping services to provide real-time directions to direct the user to the selected event.

4. [HRPortal: 🌐](#)

Tech Stack: Next.js, Tailwind, Tanstack Query, Axios, Zustand, TypeScript, ShadcnUI

- In this project, I developed a **human resource management system** using **Next.js** and **TypeScript**, focused on streamlining employee performance evaluations through structured review workflows.
- Developed a **multi-tiered employee review system**, including:
 - Self-Reviews**, where employees can evaluate their own performance.
 - Peer-Reviews**, where I built the logic allowing managers to assign review responsibilities between colleagues, along with visibility control for when reviews are submitted.
 - Manager-Reviews**, enabling managers to assess their direct reports based on performance.
- Built **comparative analysis engine** for calculating average performance scores based on all the evaluations performed for an employee.
- Managed state with **Zustand**, **TanStack Query** for efficient data fetching and caching and integrated **Axios** for handling API communications with the backend. [\[live\]](#)

PROJECTS

1. [Apple Demo Frontend: 🌐](#)

Tech Stack: Next.js, TailwindCSS, TypeScript, GSAP, ThreeJS, [\[live\]](#)

2. [Simple Chat Application: 🌐](#)

Tech Stack: React.js, TailwindCSS, JavaScript, [\[live\]](#)

3. [Remote Healthcare Web Application: 🌐](#)

Tech Stack: Next.js, TailwindCSS, TypeScript, Shadcn, SocketIO

4. [Nars Web Application: 🌐](#)

Tech Stack: Next.js, TailwindCSS, TypeScript, Mapbox, Shadcn, [\[backend live\]](#) [\[frontend live\]](#)

5. [StudyBuddy: 🌐](#)

Tech Stack: Next.js, TailwindCSS, TypeScript, Shadcn, StackAuth, Gemini, Neon, [\[live\]](#)

EDUCATION

Infrastructure University Kuala Lumpur, Sunway College
Bachelor of Computer Science and Information Technology

Kathmandu, Nepal
Mar2022 - Mar 2025