

Saksham Shrestha

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Professional Summary

Frontend Developer with experience of building scalable, production-grade applications using **React**, **Next.js**, **TypeScript**, and modern JavaScript frameworks like **Node.js**. Successfully delivered high-performance and optimized solutions for **Modern Web Applications and Enterprise Level Systems**. Specialized in responsive UI development, state management, and API integration with a focus on measurable performance improvements. Actively pursuing continuous learning in backend development to further enhance full-stack proficiency.

Work Experience

Frontend Developer

January 2026 – Present

Inovaara Technologies, Kathmandu

Krayam — E-commerce Web Application. [Live](#) 📄

- Architected and developed the complete e-commerce web application from the ground up using **Next.js and TypeScript**, following industry best practices for scalability and maintainability.
- Implemented **Server-Side Rendering (SSR)** and applied on-page SEO best practices including semantic HTML, metadata optimization, and structured data to improve search engine visibility.
- Optimized application performance through **code splitting, lazy loading, and image optimization**, significantly reducing page load times and improving Core Web Vitals scores.
- Leveraged **Supabase RPC** to implement complex server-side business logic, enabling efficient data operations and custom application features.
- Integrated **Zustand** for lightweight, scalable global state management across the application, ensuring predictable state updates and a seamless user experience.
- Delivered a **fully responsive UI** across all device breakpoints using TailwindCSS, ensuring consistent cross-platform compatibility on mobile, tablet, and desktop.

Frontend Developer

May 2024 – December 2025

Cellapp, Kathmandu

Meetpoint — Real-time communication platform. [Live](#) 📄

- Architected and implemented responsive real-time communication features (chat, voice, and video) using React, TypeScript, and Firebase to ensure low message latency and scalability for concurrent user sessions.
- Centralized state management by implementing across communication modules, significantly enhancing data consistency and reducing state-related bugs.
- Collaborated with backend team to integrate **10+ secure REST API endpoints** for robust functionality.
- Redesigned the booking and scheduling interface, enhancing usability and improving the mobile user experience.

Lexus CRM — Customer relationship management system. [Live](#) 📄

- Engineered and delivered multiple core CRM features using React, TypeScript, and TailwindCSS, achieving an **81 Lighthouse performance score**.
- Integrated **15+ REST API endpoints** and implemented optimized data-fetching strategies, significantly reducing average data retrieval time for users.
- Re-engineered the task assignment workflow, leveraging streamlined UI/UX design to accelerate the average task completion time for users.
- Delivered pixel-perfect responsive designs across **4+ device breakpoints**, ensuring a consistent experience for numerous clients.

SmartPalika — E-governance municipal services platform.

- Maintained government modules (**including AGRIMIS, e-sifarish, e-suggestions, and Digital Profile**), serving **1,000+ citizens** and ensuring continuous compliance with municipalities' evolving regulatory requirements.
- Developed the **Digital Profile for Joroyal Municipality**, a dedicated data visualization application that significantly upgraded the readability and accessibility of local municipal data.
- Ensured quality and validity of digitally generated **e-sifarish (government documents)** by performing rigorous testing, identifying critical bugs, and implementing fixes that decreased overall service time for both citizens and municipal employees.
- Implemented a robust, modular front-end architecture and integrated multiple real-time government APIs into the **AGRIMIS** application, enabling modern UI/UX for local citizen and farmer data visualization.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Frameworks & Libraries:** React, Next.js, TailwindCSS, Redux, Zustand, Node.js, MongoDB, ShadCN UI
- **Tools & Platforms:** Supabase, Firebase, Git, GitHub Actions, Vercel, REST APIs, Postman
- **Core Competencies:** Performance Optimization, Responsive Design, UI/UX Principles, State Management, API Integration, SSR/SSG, SEO Optimization, Agile Development

Featured Personal Projects

Flavorish – Food Blog & Review Platform

[Github](#) | [Live](#)

- Built full-stack food blog and restaurant review platform serving **30+ curated posts** with SEO-optimized structure alongside a functional email notification system.
- Implemented category-based filtering and search functionality, improving content discoverability and user experience, featuring secure user authentication via **NextAuth** and utilizing Supabase for optimized image storage.
- Achieved **76 Lighthouse performance score** through Next.js SSR, image optimization, and code splitting.
- **Tech Stack:** Next.js, MongoDB, TailwindCSS, Vercel

Education

Bachelor in Computer Science and Information Technology (CSIT)

2021 – 2025

Amrit Campus, Tribhuvan University

High School(+2) Science

2018 – 2020

National School of Sciences, NEB

Secondary Education Examination (SEE)

2018

Southwestern School