






# Irosh Panday

## Full-Stack Developer

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### SUMMARY

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Full-stack developer specializing in Next.js, Prisma, and SQL Server, with strong foundations in Python, Django, and Celery for scalable backend systems. Experienced in building SaaS- style systems during a 1.2-year role at Sarwa Technologies, including Shareholder, Audit, and CRM modules. Skilled at working across the full stack, integrating modern APIs, and delivering clean, maintainable code. Currently extending expertise through an Employee Resource Management (ERM) project with dashboards, role-based access, and real-time features. Seeking to contribute as an Associate Software Engineer while continuing to grow in AI-integrated web applications.

### EXPERIENCE

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<b>Associate Software Engineer, Sarwa Technologies Pvt. Ltd.</b>	06/2024 – 08/2025
<ul style="list-style-type: none"><li>Built Shareholder &amp; Audit Management Systems for Siddhartha Hospitality, including nested forms, file uploads, and Prisma + SQL Server integrations.</li><li>Contributed to an internal CRM system, gaining exposure to Knex.js when Prisma could not handle complex queries.</li><li>Enhanced table filtering, pagination, and role-based workflows in Audit Management modules.</li></ul>	Kathmandu

Engineered reusable UI components with React, TypeScript, Shadcn UI, and Tailwind CSS.

- Collaborated in Agile sprints, delivering production-ready features and participating in client demos.
- Worked in a startup environment with limited but impactful projects, owning modules end-to-end.

### EDUCATION

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<b>Bachelor of Software Engineering (Graduate), Pokhara University</b>	10/2021 – 2025
	Pokhara, Nepal
<b>+2 in Science, Makwanpur Multiple Campus</b>	07/2018 – 07/2021
	Hetauda, Nepal

## TECHNICAL SKILLS

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### Front End

Next.js  
React  
JavaScript (ES6+)  
HTML  
TailwindCSS

### Database

SQL Server  
Sqlite

### Backend

Prisma  
Knex.js  
Django  
Python  
REST APIs  
Redis  
Celery

### Tools & Other

Git  
GitHub  
Docker  
Jest  
React Testing Library

## PROJECTS

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### Employee Resource Management (ERM)

- Developing a SaaS-style ERM platform with dashboards, role-based access control (RBAC), attendance tracking, leave management, and performance evaluation.

Built with Next.js, Prisma + SQL Server, React Hook Form, Zod validation, and TanStack Table.

- Includes real-time notifications and reporting modules.
- Deployed on Vercel (frontend) and Railway (database).

### Task Management & Notification System

- Task scheduling and notification platform with real-time reminders and recurring tasks.
- Implemented role-based access for admins and users, with secure task delegation.
- Optimized background job handling via Celery + Redis.

### Bazar Marketplace

Full-stack e-commerce marketplace with categorized listings and secure user authentication.

Integrated Khalti payment gateway for seamless transactions.

- Implemented hybrid recommendation system to suggest products based on keywords and categories.