

# SANDIP GYAWALI

Kathmandu, Nepal

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## Education

**Amrit Science Campus**

*Bsc. CSIT*

**2023 - 2026 (Expected)**

*Lainchaur, Kathmandu*

## Technical Skills

**Languages:** Javascript, Typescript, HTML/CSS, SQL

**Developer Tools:** VS Code, Git

**Frameworks:** Nextjs, React, ExpressJs

**Libraries:** ShadcnUI, React Hook Form, TailwindCSS, Tanstack Libraries, SWR, Drizzle ORM

**Others:** Docker, Linux, Selenium

## Experience

**Amadico Nepal**

*Frontend Developer*

**Jun 2023 – Present**

*Samakhushi, Kathmandu*

- Built and maintained key modules of a hotel management system using **Next.js** and **ShadCN UI**, covering POS, Inventory, Billing, Dashboard, Room Reservations, and Reports.
- Integrated ShadCN's auto chart components to deliver dynamic data visualizations and analytics dashboards.
- Implemented invoice generation (**jsPDF**), optimized form workflows (**react-hook-form** + **zod**), and enhanced UX for toast message (**sonner**) and date handling (**date-fns**).
- Enabled effortless document sharing through drag-and-drop file uploads using **react-dropzone**.
- Optimized data fetching and caching across modules using **React Query** to ensure smooth and responsive UI.
- Designed the application interface using free design resources available online, iteratively improving it based on continuous client feedback.
- Adopted **Origin UI** to overcome component limitations of ShadCN UI, enhancing design flexibility and consistency.
- Engineered a full migration from an unstable Flutter-based system for inventory and pos modules to maintainable Next.js architecture, significantly enhancing application performance, reliability, and developer productivity.
- Mentored two interns new to the tech industry, accelerating their onboarding and skill development.

**Sama Threading**

*Full Stack Developer (Freelance)*

**October 2023 – January 2024**

*Las Vegas, NV, USA*

- Developed a dynamic, responsive landing page using **Next.js** and **Tailwind CSS** to showcase services and drive client engagement.
- Built backend services with **Express.js**, leveraging **Drizzle ORM** as the ORM layer for **PostgreSQL** to enable seamless online scheduling and real-time updates.
- Implemented RESTful APIs to ensure smooth client-server communication and maintain data consistency.
- Utilized **Turborepo** to manage a monorepo architecture, workspaces for backend and frontend codebases

**Chhangmi Education Consultancy**

*Software Developer*

**Jun 2022 – Apr 2024**

*Kathmandu, Nepal*

- Developed and deployed a scalable, high-performance **Next.js** PWA frontend to support online tests, payments (QR code image), and user interactions.
- Developed a user-facing application for seamless test-taking, mock interview platform, enhancing user experience and operational efficiency.
- Continuously enhanced the platform over a year by delivering new features, refining user experience, and adapting to evolving client needs through close collaboration and feedback-driven development.
- Upgraded the application migrating backend from **PHP** to **trRPC** for type-safe and streamlined API calls leveraging **Next.js** server side rendering.

**Suga360**

*Frontend Developer*

**Jun 2024 - Jun 2025**

*Henderson, NV, USA*

- Designed a responsive and accessible UI using **RizzUI**, with form handling via **React Hook Form** and **Zod**, interactive charts using **Recharts**, and carousel functionality via **Embla**.
- Developed scalable frontend architecture with reusable components using **Next.js**, **React**, and **TailwindCSS**, and managed data fetching and state using **SWR**, and **Zustand**.

- Deployed and served the frontend application using **Nginx** with **Certbot** for HTTPS, ensuring secure and optimized delivery.
- Integrated 52mm thermal invoice printing by converting UI components to PDF using **jsPDF** and **Canvas-to-PNG** techniques for accurate print rendering.
- Automated deployment pipeline by learning **GitHub Actions** and managed Node.js background services with **PM2** on a Namecheap VPS server.

Projects

<b>Personal Portfolio</b>   <i>Next.js, Tailwind CSS, Lenis, Velite</i>	<b>In Development</b>
<ul style="list-style-type: none"><li>• Designed a sleek, high-performance developer portfolio with smooth scrolling (Lenis) and content management powered by Velite for markdown-based blog support.</li><li>• Statically generated with Next.js for lightning-fast load times and SEO optimization, ready for deployment as a fully serverless solution.</li><li>• Optimized for accessibility, smooth microinteractions, targeting Awwwards-level visual polish and UX.</li><li>• Structured for easy scalability—modular codebase, reusable UI components, and future CMS integration readiness.</li><li>• Took design reference from framer.com for easy design visualization.</li></ul>	

Leadership / Extracurricular

<b>Hult Prize</b>	<b>2024 (Certificate)</b>
<i>Participant</i>	<i>Amrit Science Campus</i>
<ul style="list-style-type: none"><li>• Competed in the campus round of the Hult Prize, working on innovative solutions to a global social issue.</li><li>• Collaborated with a team of 4 to develop a sustainable business idea aligned with the annual Hult Prize theme.</li><li>• Strengthened skills in team work, problem-solving, and pitching ideas under time constraints.</li><li>• Gained exposure to global issues and strategies for impactful change through entrepreneurship.</li></ul>	

<b>Datathon</b>	<b>2024</b>
<i>Participant</i>	<i>Institute of Crisis Management Studies (ICMS)</i>
<ul style="list-style-type: none"><li>* Participated in a campus Datathon, collaborating with peers to brainstorm and present innovative tech solutions.</li><li>* Received mentorship from senior developers specializing in web and mobile application development.</li><li>* Strengthened skills in teamwork, idea pitching, and rapid problem-solving under a competitive environment.</li><li>* Awarded a participation certificate and gifted Programiz Premium subscription for active involvement.</li></ul>	