

SIDDHARTHA SHRESTHA

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PROFESSIONAL SUMMARY

I am a Computer Science student with practical experience in frontend development and a strong passion for software development, committed to building intuitive user experiences, continuously learning, and leverage new technologies to build efficient, high-quality applications.

SKILLS

Languages: JavaScript, TypeScript, PHP, HTML, CSS, SQL

Framework & Libraries: Next.js, React.js, Redux Toolkit, TanStack Query, Node.js, Express.js, Framer Motion, Tailwind CSS, Bootstrap

Database & Tools: MySQL, PostgreSQL, MongoDB, Postman, Git, Github, Gitea, Figma, Jira

EDUCATION

National College of Computer Studies, Kathmandu, Nepal

Oct 2020 - Jul 2025 (Expected)

Bachelor of Computer Application

EXPERIENCE

Frontend Developer Intern

Nov 2024 - Mar 2025

Web Studio Nepal

- Developed and integrated features for a Restaurant Management System and Ecommerce platform, enhancing user experience and system performance.
- Built 4 consultancy websites using modern web technologies, ensuring browser compatibility and responsiveness.
- Designed reusable UI components to reduce development time by 20% and improve code maintainability.
- Collaborated with the team on state management and optimization, reducing API call redundancy.
- Gained hands-on expertise in Next.js, React.js, TypeScript, GraphQL, and Redux through real-world projects.

PROJECTS

Able - Learning Management System 🔗 | *Next.js, MySQL, Prisma, Tailwind CSS, Shadcn UI*

- Developed a full-featured LMS allowing the admin to create, update, and manage courses, lessons, and user enrollments, with secure authentication and file/video uploads.
- Developed a responsive UI with Tailwind CSS and Shadcn for an optimal experience across all devices.
- Integrated video streaming and secure photo uploads, enabling seamless media management for course content.
- Leveraged MySQL & Prisma ORM for efficient database management.

Codesnipe - Online Code Editor 🔗 | *React.js, Node.js, MongoDB, Express.js, Tailwind CSS*

- Built a real-time online code editor with user authentication, enabling users to write, execute, save, and preview code instantly.
- Implemented real-time code preview for an interactive and dynamic user experience.
- Implemented JWT authentication for secure login and access, and used TanStack Query for efficient data fetching.

BhansaMart - Ecommerce Platform 🔗 | *React.js, Material UI, Tailwind CSS, TanStack Query*

- Developed a responsive client-side storefront and admin dashboard, ensuring a seamless shopping and management experience.
- Implemented CRUD features such as banner, product, and delivery management on the admin side, displaying and managing data on the client side to enhance platform functionality and user experience.
- Integrated GraphQL and RESTful APIs for efficient data fetching and seamless frontend-backend communication.

ACHIEVEMENTS & CERTIFICATIONS

- Certificate of Participation, NCCS Hackathon 2024
- Responsive Web Design Certification, freeCodeCamp
- Certificate of Participation, Jira Workshop
- Certificate of Participation, QA Workshop