

SURESH DAHAL

Kathmandu, 44600, Nepal | +977 9862704175 | hi@sureshdahal.com.np

LinkedIn: [linkedin.com/in/codersuresh](https://www.linkedin.com/in/codersuresh) | GitHub: github.com/coderSuresh | Portfolio: sureshdahal.com.np

PROFESSIONAL SUMMARY

Self-motivated Web Developer with foundational knowledge in Full-Stack technologies including Next.js, NestJS, and PostgreSQL. Passionate about building scalable web applications and eager to expand technical skills through hands-on, practical experience. A detail-oriented learner looking for opportunities to contribute to a development team and grow as a professional software engineer.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, HTML5, CSS3, PHP, SQL
- **Frontend Frameworks:** React.js, Next.js, Tailwind CSS, Context API, Zustand
- **Backend & Databases:** Express.js, NestJS, PostgreSQL, MongoDB, MySQL
- **Developer Tools & Platforms:** Git, GitHub, Docker, BullMQ, Figma, VPS

PROJECTS

Effort Study – Online Learning Platform (Full-Stack)

[Demo](#)

- Developed a full-stack learning platform using Next.js, TypeScript, and Tailwind CSS.
- Designed a PostgreSQL database to manage blogs, practice quizzes, and mock tests.
- Implemented a system to show user scores and the time taken to complete mock tests.
- Built a secure admin dashboard to seamlessly manage course contents.

BBA Nepal – Study Resource Platform (Full-Stack)

[Demo](#)

- Developed a full-stack website with Next.js, Tailwind CSS & JWT based admin login.
- Automated data scraping by configuring GitHub Actions to periodically fetch official TU notices, reducing manual updates by 100%.
- Implemented a user-facing website to allow users to view and share their resources.

Queue-Based Image Processing System (Backend)

[Code](#)

- Implemented an image processing backend using Express.js and Sharp.
- Utilized BullMQ and Redis to offload heavy, long-running tasks from the main thread.
- Containerized with Docker to ensure consistent development and deployment.

Online Food Ordering System (Full-Stack)

[Code](#) | [Demo](#)

- Collaborated in a team to build a food ordering application as a final year diploma project.
- Developed features with HTML, CSS, JavaScript, PHP, and MySQL to support multi-user.
- Created functional, separate interfaces tailored for customers, admins, kitchen staff, and delivery staff.

Multi-Step Form System (Frontend)

[Code](#) | [Demo](#)

- Built a multi-step form with React Context API for state management.

EDUCATION

Bachelor's in Information Technology (BIT)

Patan Multiple Campus (TU), Lalitpur, Nepal | 2023 – 2027 (Expected)

Diploma in Information Technology (DIT)

Nepal Banepa Polytechnic Institute (CTEVT), Kavre, Nepal | 2019 – 2023

CERTIFICATIONS

- Frontend Developer Career Path Graduate – [Scrimba](#)
- MongoDB CRUD Operations – [MongoDB](#)
- JavaScript (Intermediate) Certificate – [HackerRank](#)
- SQL (Intermediate) Certificate – [HackerRank](#)

LANGUAGES

Nepali – Native

English – Working Proficiency

Hindi – Working Proficiency