

# Sabin Shrestha

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## EDUCATION

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### Herald College Kathmandu

BSc (Hons) Computer Science — University of Wolverhampton

Kathmandu, Nepal

2021 – 2025

## PROJECTS

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### Himalayan Bridge Education

*Next.js, TypeScript, MongoDB, NextAuth.js, Tailwind CSS, Vercel*

- Education consultancy web app helping Nepali students pursue study abroad opportunities across Japan, Australia, UK, USA, Canada, New Zealand, and South Korea.
- Built public-facing pages for destinations, courses, visa guidance, blog, and contact, alongside a full admin dashboard with analytics, blog management, and course listings.
- Implemented contact form with rate limiting, page visit tracking, NextAuth.js credentials-based admin login, and Zod validation throughout.
- Deployed on Vercel: [himalayan-bridge.vercel.app](https://himalayan-bridge.vercel.app)

### LasaCalc — Nepal Accounting & Tax Platform

*NestJS, TypeORM, PostgreSQL, React, Vite, Tailwind CSS*

- Structured accounting and tax management platform for small businesses and individuals in Nepal, with clearly defined role-based access for regular users, business users, chartered accountants, and administrators.
- Built a monorepo architecture managed with pnpm, with separate backend (NestJS + TypeORM + PostgreSQL) and frontend (React + Vite + Mantine UI + Tailwind CSS) packages.
- Source: [github.com/sabinshrestha2003/Nepal-Accounting-Tax-Platform](https://github.com/sabinshrestha2003/Nepal-Accounting-Tax-Platform)

### SmartSave — Personal Finance App

*Python, Flask, React Native*

- Personal finance management mobile app with smart bill splitting, expense tracking, and budget management, available on the Amazon App Store.
- Developed a Python Flask REST API backend with a React Native mobile frontend, supporting multi-user bill splitting and categorised expense tracking.

## SKILLS

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**Languages** JavaScript, TypeScript, Python

**Frontend** React, React Native, Next.js, Tailwind CSS, Mantine UI, Vite, shadcn/ui

**Backend** Node.js, NestJS, Flask, TypeORM, Mongoose, REST APIs

**Databases** PostgreSQL, MongoDB Atlas

**Tools** Git, GitHub, pnpm, Vercel, Linux, VS Code, Zod, NextAuth.js

**Security** Network Security, SIEM, Wireshark, Incident Response (Google Cybersecurity Certificate — In Progress)

## CERTIFICATIONS

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Google Cybersecurity Professional Certificate (*In Progress*)

Coursera / Google

## LANGUAGES

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**Nepali** Native proficiency

**English** Professional proficiency (C1)

**Hindi** Conversational (speaking & listening)