

Aayush Shah Nirala

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SUMMARY

Curious IT learner fueled by creativity, passion, and the drive to turn ideas into impactful solutions.

TECHNICAL SKILLS

Programming Language: C, Python

Frontend: HTML, CSS, JavaScript, React

Backend: NodeJs

Database: MySQL, MongoDB

Development Tools: Git and GitHub

Soft Skills: Problem-solving, Analytical Thinking, Team Collaboration, Innovation

PROJECTS

Mileage & Expense Calculator

Developed a Python tool to track fuel efficiency and vehicle expenses.

Todo List Web Application

Developed a responsive task management application using HTML, CSS, and JavaScript to create, organize, and track daily tasks efficiently.

MedSync: AI-Powered Medicine Management System

Tech Stack: MERN Stack, OCR, MongoDB, React.js

- Developed an AI-powered medicine management platform with QR-based verification, OCR-enabled prescription scanning, and secure inventory management.

Shakti Mart - Supermarket Management System

Tech Stack: MERN Stack, Supabase, React.js, MongoDB

- Built a smart retail management system featuring inventory, billing, customer management, analytics, and an AI-powered admin dashboard.

Sawari Sathi: Smart Ride-Sharing Platform

Tech Stack: MERN Stack, MongoDB, React.js, Tailwind CSS

- Developed a full-stack ride-sharing platform with secure authentication, ride booking, driver management, and an enterprise admin dashboard.

EDUCATION

2082 – Present

BSc. (Hons) in CS with AI at Sunway Int'l Business School

2080 – 2082

Class 12th at Kathmandu BernHardt College, Balkhu (GPA: 3.40)

2079

Class 10th at Navodaya Shishu Sadan, Hetauda (GPA: 3.25)

ACHIEVEMENTS & INTERESTS

- Selected for multiple innovation projects focused on community improvement.
- Passionate about data-driven problem-solving, automation, and sustainability.
- DeerHack 2026 winner: AI/ML Track
- Healthcare & Wellbeing Innovation Award: Sunwayains' Fest 2026

PERSONAL DETAILS

Nationality: Nepalese

Languages: English, Nepali, Hindi

Availability: Immediate