SHASHWAT POUDYAL

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ABOUT ME

I got into software engineering in high school after a documentary on AlphaGo sparked my fascination with AI. My first project—a school website built with HTML/CSS/JS—hooked me. Since then I've focused on building fast, efficient software that does more with less.

EDUCATION

AMRIT SCIENCE CAMPUS, TU — Kathmandu, NP
Bachelor of Computer Science and Information Technology — Expected March 2026
Current Score: 76%
Relevant Coursework: Software Engineering; Operating Systems; Algorithms; System Design

ARANIKO SCHOOL — Biratnagar, NP
High Schooling, Computer Science
Cumulative Score: 3.5/4.0 GPA — June 2019 - April 2021

SELECTED PROJECTS

SALES FORECASTING MODEL — September 2025
- Designed and implemented sales forecasting application with FastAPI backend that unifies retail master data, inventory tracking, and ARIMA/STL-based sales forecasting for actionable insights.

HTTP Server — November 2025
- Designed and implemented a web server in TypeScript with only node's net(TCP) module.
- Runs in a low resource hardware where node's http server chokes.

WORK EXPERIENCE

MP SUMANA SHRESTHA SECRETARIAT — Kathmandu, NP
Digital Communications Intern — Jun 2024 – Sep 2024
- Contributed to ideation sessions on political communication and outreach.
- Design and develop materials for digital presence.

PARADYGM GROUP — Kathmandu, NP
Post Production /Live Broadcasting — March 2022 – December 2025
- Helped to set up infrastructure for technology required in live broadcasting.
- Co-ordinated with a tech company to build our own live streaming platform.

ACTIVITIES

ROTARACT CLUB OF BIRATNAGAR — Biratnagar, NP
Secretary — Sep 2017 – July 2020
- Awarded "Awesome Rotaractor" award by the Representative from Nepal.
- Youngest secretary and the youngest trainer for the Rotaract.

CURIeA Cohort Member — Kathmandu, NP
Committee Member — April 2025 – Present
- CurieA Cohort is an initiative by the European Union and Yuwa for spreading political literacy among youths.

ADDITIONAL

Technical Skills: Python, TypeScript, SQL, AWS, CI/CD and C programming
Awards: Runner Up in Softwarica Code Fest, 1st Runner up in Asian Hack Hackathon.
Certifications & Training: Backend Engineer's Path from Boot Dev.