

Swostik Nepal

System Analyst & SAP Business One Consultant

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PROFILE

System analyst and SAP Business One consultant who turns how an organisation actually works into systems it can rely on. Developed Sarbo360, an ERP portal used daily by about 200 staff, including connectIPS bill payments, and the Rotaract District 3292 platform for 6,000+ members. Co-author of Nepal Rastra Bank Working Paper No. 65, presented at CAICE 2026 (Tribhuvan University). First Class BSc (Hons) Computing.

EXPERIENCE

Technical Consultant, SAP Business One

Sep 2025 – Present

Saurabh Group, Tinkune, Kathmandu

- Developed and deployed **Sarbo360**, an ERP portal on SAP Business One used by about 200 staff at Sarbottam Steels and Sarbottam Spinning, including the **connectIPS** bill-payment integration.
- Support 100+ SAP users: daily issues and posting errors, user creation and authorisations, training and user guides.
- Built 50+ SQL queries, stored procedures and print layouts in SAP HANA for sales, purchasing, inventory, finance and production reporting.
- Automated controls with Formatted Searches, user-defined fields, tables and objects, transaction notifications and approval procedures.
- Built and deployed custom add-ons with C#/.NET and the SAP Service Layer; manage company databases, backups and upgrades.
- Maintain master data (business partners, items, employees, cost centres) and bulk-load corrections with the Data Transfer Workbench.

Economic Research Intern, Research Department

May 2025 – Jul 2025

Nepal Rastra Bank, Baluwatar, Kathmandu

- Built Python and Selenium data-collection pipelines to assemble search-volume series for Nepal's Economic Policy Uncertainty (EPU) index.
- Developed R routines for statistical modelling and visualisation, contributing to **NRB Working Paper No. 65**.

Artificial Intelligence Intern

Jun 2024 – Dec 2024

Cubit Incorporated, Anamnagar, Kathmandu

- Built a document question-answering and summarisation tool (React frontend, Python backend) using retrieval-augmented generation.
- Implemented Monte Carlo pricing simulations; built and evaluated regression models with held-out test sets.

PUBLICATION AND PRESENTATION

Budha, B. B., Byanjankar, R., Nepal, S. (2026). *Macroeconomic Effects of Economic Policy Uncertainty: Evidence from Nepal*. NRB Working Paper No. 65, Economic Research Department, Nepal Rastra Bank.

Designed the keyword set, normalised search-volume series against a benchmark, applied Hodrick–Prescott decomposition to the aggregate index, and contributed to the study's framing (Sections 1–2).

Presented at CAICE 2026, Conference on Applied and Innovative Economics (CEDECON's Annual International Conference in Economics), Central Department of Economics, Tribhuvan University, Marriott Kathmandu, Kathmandu, Oct 2026.

SELECTED PROJECTS

Sarbo360 · Developed and deployed · 2026 – present

An ERP portal on top of SAP Business One, with connectIPS bill payments, used daily by about 200 staff.

Rotaract District 3292 Platform · Developed and deployed · 2026

Public website and member platform for 6,000+ Rotaractors in 198 clubs across Nepal and Bhutan.

DocuMed AI · Designed, developed and evaluated · 2025 – 2026 · Dissertation
A medical assistant that cites its sources, flags emergencies before the AI runs, and refuses unsafe requests.

VESTIQ · Designed and developed · Oct 2026 – present
A wardrobe app that digitises your clothes, picks outfits for the weather and the occasion, and tells you when not to buy.

Civic data for Nepal: feasibility study · Feasibility study, requirements and data model · Oct 2026 – present
Can Nepal's public works, budgets and officials be published in one place, with every record linked to its official source?

Client websites · Developed and deployed · Aug – Sep 2026
Two client sites rebuilt in Next.js, with an admin portal, working forms and email delivery.

EDUCATION

BSc (Hons) Computing, First Class Honours Jan 2023 – Sep 2026
The British College, Kathmandu
Validated by Leeds Beckett University, UK. Dissertation: MediRAG, a guardrailed clinical retrieval-augmented generation system.

Certificate of Credit, Level 0 (Foundation Year) Sep 2022 – Aug 2023
University of the West of England, Bristol

Higher Secondary Education (Science) Aug 2020 – Jun 2022
Kathmandu Model College, Bagbazar

LEADERSHIP

Rotaract Club of Patan Heritage, District 3292: Treasurer (2026–2027) · International Service Director (2025–2026)

SKILLS

Analysis	Requirements & SRS, Process modelling, Data modelling (ERD), API analysis, Acceptance criteria, Feasibility studies, User guides & SOPs
ERP & data	SAP Business One, SAP HANA, SQL & stored procedures, Service Layer (REST), Crystal Reports / print layouts, Data Transfer Workbench, PostgreSQL
Development	TypeScript, React & Next.js, Node.js, C# / .NET, Python & FastAPI, React Native (Expo), R
Platform	connectIPS integration, Supabase, Docker, nginx, Vercel, GitHub Actions, Git
Languages	Nepali (Native), English (Professional)

References available on request. Last updated 26 Oct 2026.