

Saugat Khanal

BSc (Hons) Computing Student | AI & Software Development

Kathmandu, Nepal • +977 9840677956 • saugatkhanal100@gmail.com • saugatkhanal.com.np

PROFILE

Third-year computing student at The British College with hands-on full-stack development experience and independent work on local AI systems. Interested in artificial intelligence, machine learning, efficient LLM inference and research-oriented engineering; seeking internship or supervised research opportunities.

EDUCATION

BSc (Hons) Computing | Leeds Beckett University / The British College 2025 – 2028 (expected)

Third year | Current modules: Robotics & AI, Operating Systems in Practice, Software Systems Development

International Foundation (Computing) | UWE Bristol / The British College Sep 2024 – Mar 2025

Higher Secondary Education (Science) | Uniglobe College, Kathmandu 2021 – 2024

PROJECTS

Jarvis – Local AI Assistant | Independent project In progress

Developing a local AI assistant using small LLM, exploring on-device operation and optional desktop inference offloading.

Semantic Desktop Control | Independent technical prototype Ongoing

Exploring structured, tool-based automation using Windows UI Automation and Chromium accessibility interfaces.

Snipbot | Client project

Built a document-summarization chatbot using Python, OpenAI, Streamlit and Supabase for authentication and storage.

CarsAI – Audio Summarizer Dashboard | Frontend project

Built a car dealership dashboard and landing-page interface using Next.js, Clerk, Tailwind CSS and Vercel.

HACKATHON

Global IME AI/ML Hackathon 2026 (2nd Edition) | Participant, Team IGOR Jul 2026

Participated in the three-day AI/ML hackathon (Track B: Fraud Detection), working with Team IGOR on GuardNet, a transaction-fraud detection prototype using ML and rule-based checks.

LEADERSHIP & VOLUNTEER EXPERIENCE

Service Project Chair | Rotaract Club of Kathmandu North Aug 2026 – Present

Help coordinate community service projects and activities with club members and partner organizations.

Treasurer | Rotaract Club of Kathmandu North Jun 2025 – Aug 2026

Supported club finances, dues collection, records and administrative coordination.

IT Club President | Uniglobe College 2023

LEADERSHIP & TRAINING

Arduino Workshop – Organizer, Uniglobe College | Leadership, Communication & Conflict Management Workshop – Uniglobe College

CERTIFICATIONS & ONLINE COURSES

Python Bootcamp – Jose Portilla (Udemy, 2021)

TECHNICAL SKILLS

Languages: Python, Java, JavaScript/TypeScript, SQL

Development: Next.js, React, FastAPI, Streamlit, Tailwind CSS, Git/GitHub, Docker, Vercel

Databases & ML: PostgreSQL, Prisma, Supabase, Redis, XGBoost, scikit-learn, local LLM inference

Other: Windows/Linux, VS Code, Microsoft Excel and PowerPoint