

SAFAL KUNWAR

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PROFESSIONAL SUMMARY

Motivated IT undergraduate at Informatics College Pokhara (BSc Hons Computing, affiliated to London Metropolitan University) with hands-on experience in hardware and software configuration, networking and technical support. Skilled in troubleshooting operating systems (Windows and Linux), programming fundamentals and network simulation. Strong communicator with a proactive attitude toward problem-solving and a commitment to continuous learning.

EDUCATION

BSc (Hons) Computing — 2nd Year (In Progress) | Informatics College Pokhara, Affiliated to London Metropolitan University *2024 – Present*

- Relevant coursework: Networking, Programming, Database Systems, Operating Systems, Web Technologies

Diploma in Computer Course | Prominent Education Foundation *Apr 2022 – Jul 2022*

- Completed with Grade A

TECHNICAL SKILLS

Programming Languages:

- Python, Java, JavaScript, HTML, CSS, C++

Operating Systems:

- Windows (installation, configuration, administration), Linux/Ubuntu (basic commands, kernel, server hosting)

Networking:

- Computer networks: hubs, switches, routers, access points (Cisco Packet Tracer); basic TCP/IP, subnetting
- Windows Server — website hosting; pfSense firewall concepts (personal lab)

Hardware & Software:

- PC hardware installation, OS installation (ISO, Rufus, Ventoy), VirtualBox, XAMPP
- IDEs & Tools: VS Code, IntelliJ IDEA, Eclipse, BlueJ, Anaconda, Jupyter Notebook, Arduino IDE

Database:

- Oracle Database, basic SQL; ERD and UML design

Other:

- Git, GitHub, MS Word, MS Excel; basic data analysis and data cleaning

KEY PROJECTS

Gym Management System | Java Application *Academic Project*

- Built a GUI-based Java application to manage member records (personal details, membership types — Regular and Premium), membership dates, and automated discount calculations for premium members

E-Commerce Website (Watch Store) | HTML / CSS / JavaScript *Academic Project*

- Developed a responsive front-end e-commerce website with shopping cart functionality and online payment simulation

Database Management System — SajiloYatra Travel Company | Oracle Database *Academic Project*

- Designed and implemented a relational database supporting real-time seat availability, multiple booking classes (Regular, Premium, VIP), flexible payment handling, schedule updates and passenger notifications

Online Restaurant Management System — Gokyo Bistro | Web Application *Academic Project*

- Built a system for table management, order tracking and home delivery management

Skin Care Product Sale System | Python Application

Academic Project

- Developed a Python CLI application for product display, inventory/stock tracking, sales tracking and invoice generation

Obstacle Avoiding Robot Car | Arduino / C++

Academic Project

- Programmed an autonomous robot car using Arduino IDE with ultrasonic sensors for real-time obstacle detection and avoidance

Online Trek Booking System | Java Web Application

Academic Project

- Developed an online booking platform for trekking services using Java

CERTIFICATIONS & TRAINING

- Java Object-Oriented Programming — LinkedIn Learning Certificate (May 2025)
- Basic Computer Skills & Personality Development Training — mySecondTeacher at Informatics College Pokhara (May–Jun 2024)
- Diploma in Computer Course — Grade A (Apr–Jul 2022)

SOFT SKILLS & ADDITIONAL INFORMATION

- Communication: Clear verbal and written communication in English; experience presenting technical concepts to non-technical audiences
- Technical Support: Patient, solutions-oriented approach to troubleshooting hardware, software, and network issues
- Quick Learner: Continuously self-studying new tools and technologies through online courses and personal projects
- Team Collaboration: Worked in group academic projects; participated in organized training workshops