

Sunil Sapkota

Backend / DevOps Engineer

sunilsapkota@gmail.com | +9779806705494 | Kaski

PORTFOLIO | STACKOVERFLOW | GITHUB | LINKEDIN

EDUCATION

LAGRANDEE INTERNATIONAL COLLEGE
BCA (BACHELOR OF COMPUTER APPLICATION) BACHELOR
GPA: 3.03

apr 2016 - jul 2021
Pokhara, Nepal

VICTORIA UNIVERSITY
APPLIED INFORMATION TECHNOLOGY MASTERS

july 2025 - Present
Sydney Australia

EXPERIENCE

INTERNATIONAL SCHOOL OF MANAGEMENT AND TECHNOLOGY (ISMT) COLLEGE | ASSISTANT PROFESSOR
Nepal | July 2024 – July 2025

- teach students Machine learning and Business process support
- administrative support to the Coordinator, Student Resources & Planning
- Support College administrative tasks and assist with sessional staff allocation.

LAGRANDEE INTERNATIONAL COLLEGE | ASSISTANT PROFESSOR Pokhara | Jan 2023 – July 2024

- Supervised final-semester student projects.
- Taught students Android Application Development, Management Information System(MIS), Linux and Programming Logic and Techniques.
- Resulted in several successful and innovative applications by students.
- Colaborate with student for project work and supervise their work.
- Administrative support to the Coordinator, Student Resources & Planning
- Support College administrative tasks and assist with sessional staff allocation

OARKFLOW | FULL-STACK DEVELOPER Kathmandu, Nepal | Nov 2024 – July 2025

- Designed an intelligent drag-and-drop application builder with AI recommendations for enhanced user experience.
- used AWS as a server infrastructure
- working on website builder in react front-end and GO as backend language

AD BREAK MEDIA | FULL STACK DEVELOPER pokhara | jan 2023 – Jan 2024

Developed a robust backend API using Node.js with a MongoDB database.
Designed and launched a dashboard for advertisers.
Continuously provided support to Ad Break Media.
Enabled seamless data retrieval and integration of publishers with SDK and APIs.
Enhanced campaign management and user experience.
Ensured smooth operations and customer satisfaction.

GAINTPLAY LLC | AI/ML ENGINEER Pokhara Nepal | Jan 2022 – Jan 2023

Designed and deployed AI models on AWS infrastructure, integrating them into scalable Dockerized environments.
Optimized data pipelines and MongoDB schema for training and serving ML models via Node.js APIs.
Reduced model inference time by 20% and increased prediction accuracy by 15%.
Reduced deployment time by 40% and improved scalability.

Optimized resource allocation, leading to a 25% increase in system efficiency

RACE GROUPS | DEVELOPER

Pokhara | Nov 2020 – Jan 2022

Developed AI-based systems to automate manual operations and processes.

Implemented machine learning models to enhance customer behavior predictions and operations.

Achieved a 50% improvement in operational efficiency by leveraging AI algorithms.

Increased customer retention and loyalty by 25%.

SKILLS

PROGRAMMING LANGUAGES	Python, Java, Javascript, PHP, R
LIBRARIES/FRAMEWORKS	TensorFlow, Keras, PyTorch, Amazon Machine Learning, Beautiful Soup, Scrapy, scikit-learn, Next.JS
TOOLS / PLATFORMS	Git, Github, Tableau, Power BI, D3.js
DATABASES	SQL, MongoDB

PROJECTS / OPEN-SOURCE

| LINK

HTML, JavaScript, CSS

- A comprehensive collection of notes and key question-answer resources for various ICT subjects.

| LINK

Java, Kotlin

- Suchna Walla is an AI-enhanced online notice board application specifically crafted to simplify access to notices for students. It leverages machine learning to personalize notice recommendations based on user preferences and interaction history. The platform empowers users to interact with notices, leave comments, manage profiles, and customize preferences, providing a streamlined and intelligent user experience.

CERTIFICATIONS

- Big Data on Amazon web services - **UDEMY**
- Full Stack Web Developer with AI & ML Integration - **UDEMY**
- Machine Learning with Jupyter Notebooks - **UDEMY**
- Ultimate AWS Certified Cloud Practitioner - 2023 - **UDEMY**