yubraj adhikari

Passport: 11448888 | **Date of birth:** 31 Oct 2000 | **Nationality:** Nepalese | **Phone number:**

(+977) 9866134714 (Mobile) | **Email address:** yubrajadhikari987@gmail.com |

Address: Kathmandu, 886400, Kathmandu, Nepal (Work)

ABOUT ME

Engineer with a strong foundation in Artificial Intelligence, IoT, and Mobile Systems. Graduated with a **Bachelor of Engineering in Information Technology** from **Pokhara University** under a **full merit scholarship**, achieving a **GPA of 3.95/4.0** and ranking **4th in the Faculty of Science and Technology**. Licensed by the **Nepal Engineering Council (Er.)**.
Passionate about combining intelligent systems with real-world applications, especially in **education technology, IoT, and AI-driven solutions**. Experienced in academic research, mobile app architecture, and collaborative AI integration projects.

WORK EXPERIENCE

🏢 **DOME INFOSYS** – KATHMANDU, NEPAL

LEAD SOFTWARE ENGINEER – 1 JAN 2025 – CURRENT

- Led Flutter-based development for AI-integrated apps (*School AI*, *Doctor Arti*).
- Collaborated with AI and IoT teams for model integration and deployment.
- Delivered 10+ large-scale apps and mentored junior developers.

🏢 **KITWOSD IT SUPPORT CENTER** – LALITPUR, NEPAL

MOBILE APP DEVELOPER – 1 JUL 2023 – 31 DEC 2024

- Led the development of multiple applications, including GOSEWA, ARFAAT GOLD, NEPAL RECYCLE BANK, BIT ILLAM, ENT STUDIO, and PGBAZAR.
- Gained hands-on experience with BLOC patterns, Clean Architecture, Socket Connections and MVVM
- Deployment to the Playstore

🏢 **YAKS INC** – KATHMANDU, NEPAL

CO-FOUNDER – 9 MAY 2024 – CURRENT

- Designed *Achivee*, a student event and activity management platform.
- Conceptualized AI-driven career recommendation system for future phase.
- Led a team of 5 developers and managed end-to-end mobile development.

EDUCATION AND TRAINING

17 OCT 2019 – 24 NOV 2024 Pokhara, Nepal
BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY (BEIT) POKHARA UNIVERSITY, NEPAL
Pokhara University

- GPA: 3.95/4.0 — University Topper (4 Semesters with 4.0 GPA)
- Full Merit Scholarship (Pokhara University)
- Dean's List and ranked 4th overall in Faculty of Science & Technology
- Licensed by **Nepal Engineering Council (Er.)**
- Research paper presented at *International Conference on Applied Science and Technology*:
- *"IoT-Based Garbage Management System using ESP32 and Multiple Sensors"*

Website https://pu.edu.np/ | **Field of study** Information and Communication Technologies | **Final grade** 3.95 |

Thesis Vayu: Integrating IOT and Remote Sensing for Urban Air Quality Monitoring in Nepal

LANGUAGE SKILLS

Mother tongue(s): **NEPALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Internet of Things ┃ engineering principles ┃ debug software ┃ develop software prototype ┃ ICT debugging tools ┃ use software design patterns ┃ computer programming ┃ engineering processes ┃ Git and Github ┃ Git

Programming

Dart ┃ Python (computer programming) ┃ Java (computer programming) ┃ c/c++/c# programming

Frameworks

Flutter ┃ Html / CSS / JavaScript ┃ TensorFlow ┃ Firebase

IoT & Hardware

ESP32 ┃ Sensor Integration

AI Exposure

Supervised/Unsupervised Learning ┃ Neural Networks ┃ Model Integration