

I am a Software Engineer and Mobile Developer with over 5 years of professional experience in building scalable applications, data-driven solutions, and full-stack systems. My journey started with a Bachelor's in Computer Engineering from Pokhara Engineering College, Nepal, where I specialized in Mobile Application Development and won an inter-college software development championship. I later pursued a Master's in Computer Science at the University of Wollongong, Australia, majoring in Software Engineering and Machine Learning & Big Data.

Professionally, I have led and contributed to projects ranging from native Android and cross-platform mobile apps (Java, Kotlin, Flutter) to data pipelines and backend systems (Python, Django, FastAPI). I founded PU Assist, an app used by tens of thousands of students, and worked extensively at Virtual Technology, where I developed government and commercial apps while mentoring junior developers.

Beyond mobile and full-stack development, I am passionate about data engineering, machine learning, and Retrieval-Augmented Generation (RAG) systems. My recent work includes building a summarization and recommendation engine for research papers as part of my Master's capstone, leveraging LLMs, embeddings, and microservices architecture.

I thrive in collaborative environments, enjoy solving complex technical challenges, and continuously upskill in cloud computing, modern data pipelines, and AI-driven applications. My goal is to bridge software engineering excellence with data intelligence to build impactful, user-focused solutions.