Ujjwal Puri

ujjwalpuri221@gmail.com — linkedin.com/in/uzi-puri — github.com/UzitheI

Phone: +977 9840076686 — **Address:** Lalitpur, Nepal

SUMMARY

Aspiring ML engineer and a Back-End Software developer, passionate about technology. With a strong foundation in Django, FastAPI, and databases, with more than a year of experience, I create scalable and reliable applications and as the OSCOV & Hackathon Lead at Vedas College, I organize & lead technical workshops & foster collaboration between students and industry experts. With deep fascination for AI & research, I'm excited to join your organization to continue learning & growing.

EXPERIENCE

xAGI — Bengaluru, Karnataka, India
Software Developer Intern — *Dec. 2024 – Jan. 2025*
- Working on AI products on both mobile and web. Gaining proficiency in React-Native, Typescript and Next.js

Ajna Labs — Kathmandu, Nepal
Software Developer — *Mar. 2024 – Jan. 2025*
- Collaborating with the **Web** team to develop full-stack web applications, engaging with customers to understand requirements.

Leapfrog Inc — Kathmandu, Nepal
Leapfrog Student Partner — *Mar. 2025 –*
- Selected among 20 students from the pool of more than five hundred students to bridge the gap between academia and workplace.

Launchpad.ai — Remote
ML & Data Science Fellow — *Jan. 2025 – March. 2025*
- Building financial compliance RAG systems with **Neo4j**-based knowledge graphs and learning reasoning paradigms like **Chain-of-Thought (COT)**.

EDUCATION

Tribhuvan University — Kathmandu, Nepal
Bachelor of Computer Science and Information Technology — *March 2022 – April 2026*
Highest grades across 4 consecutive semesters at Vedas College

St. Xavier's School — Lalitpur, Nepal
High School Diploma; GPA: 3.68 — *2020 – 2022*
Activities: School Captain, Programmer's Guild Lead

PUBLICATIONS

- **The Rosetta Paradox: Domain-Specific Performance Inversions in Large Language Models** - Helps formalize the definition of the Rosetta Paradox and introduces a panoramic analysis framework that includes both a Domain Specificity Index (DSI) and a Performance Inversion Metric (PIM) for consistent quantification of domain-specific behavior in LLMs.

SKILLS

- Python, SQL, JavaScript, C++, Django, FastAPI, React, Node.js, Express.js, PostgreSQL, MySQL, Neo4j, MongoDB, Firebase, jQuery

HONORS & AWARDS

- **Vedas Achievers Award** - Awarded for achieving the highest score in board examinations conducted by **Tribhuvan University** for Vedas College.

- **MBMC Hackathon Fintech Track Winner** - Recognized for developing **Finlytic**, a tax categorization and compliance app for small and medium enterprises (SMEs).