Ujjwal Puri

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SUMMARY

I'm a software engineer with a strong foundation in Python & Javascript, professional in Django, FastAPI, NextJS, the MERN stack and with around 2 years of experience, I'm who you hire when you need your job done quick and reliably. I also have extensive experience with reasoning LLMs, VLMs & NLP. I believe my strongest skill is figuring what systems really need to stand out. I believe in high agency and I work best with fluid teams.

EXPERIENCE

SAGEA   Kathmandu, Nepal
Technical Officer   *May. 2025 –*

- Making voice models and reasoning models catering the Nepali diaspora. Operating & innovating widely in Nepal's telephony space.

xAGI   Bengaluru, Karnataka, India
Software Engineer   *Mar. 2025 – Aug 2025*

- Worked on AI products on both mobile and web. Gained proficiency in React-Native, Typescript and Next.js

Likeo   Karnataka, India
Senior Engineer   *Mar. 2025 – May 2025*

- Worked in the development of entire site using NextJS, also built an extension on Shopify & Woocommerce for Likeo

Leapfrog Inc   Kathmandu, Nepal
Leapfrog Student Partner   *Mar. 2025 –*

- Selected among 20 students from the pool of more than 1000 students to work on bridging the gap between academia and industry.

Launchpad.ai   Remote
ML & Data Science Fellow   *Jan. 2025 – Mar. 2025*

- Building financial compliance RAG systems with **Neo4j**-based knowledge graphs and learning reasoning paradigms like **Chain-of-Thought (COT)**.

Ajna Labs   Kathmandu, Nepal
Software Engineer II   *Mar. 2024 – Mar. 2025*

- Collaborating with the **Web** team to develop full-stack web applications, engaging with customers to understand requirements.

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

- **Thinking About Thinking: SAGE-nano's Inverse Reasoning for Self-Aware 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.

- **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.

- **Deerhack 2025 Winner** - Built **Reasonet**, an app that helped founders generate and validate their startup from scratch.

- **DAV's Codefest Winner** - Built **PricingOS**, price and financials analyst for SAAS founders in Nepal.

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