

Aditya Malla Thakuri

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[GitHub](#) / [LinkedIn](#)

Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL

Technologies & Tools: AWS, EC2, S3, Docker, Next Js, React, Django, Flask, FastAPI, Pytorch, tensorflow, Pandas, NumPy, Matplotlib, Seaborn, Streamlit, Tableau, Reporting, Business Intelligence, API Development, Project Management

Work Experience

Sipalaya Info Tech

NOV 2024 – FEB 2025

Django Developer Intern

- Developed and Maintained scalable web applications using Django and Flask
- Designed secure user authentication systems
- Utilized MySQL for efficient backend data management
- Debugged and optimized server-side logic for performance

Karnovation INC.

Sept 2025 - Present

Technical Content Writer

- Wrote technical blogs on Cloud Computing and its application in real worlds
- Helped writing labs for the AWS blogs on EC2, IAM, S3 and lambda
- Research some latest work on Cloud Computing and How cloud providers operate on different regions.

GTM NEPAL

Jan 2025 - April 2025

Go To Market Engineer Intern

- Helped the marketing agencies in running their marketing campaign and finding possible leads for their products
- Learned to write Cold Emailing and Cold Calls to secure some leads
- Learned the concepts of prompt Engineering and how to use different AI tools properly like Clay.

Education

Nepal Engineering College NOV 2022 - SEPT 2026 B.E. in Computer Engineering

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

Project Work

- **Pasale – Retail Analytics Platform:** Built real time analytics dashboards for sales performance, forecasting monthly revenue using Random Forest Regressor. Integrated speech to text input and Nepali Localization to improve adoption.
- **AI powered Job Application Platform:** Built a Full Stack web application for resume screening and Job Applying/posting platform with real time dashboard. Used Next Js for the frontend, Django for the backend, FastAPI and Gemini API for resume parsing and scoring and PostgreSQL for database.
- **Artificial Intelligence in Smart Cities (Research):** Conducted Statistical analysis on traffic, waste management and crime data. Applied Decision Trees and Neural Networks to optimize city resource allocation. Identified potential for 25% efficiency gains and presented findings through reports and visualizations

Awards and Certificates

- **Hackathons:** 2x Winner in Asian Hackathon and Nec Ingenium, 2nd runner up in Kathmandu University Business Hackathon,
- Model United Nation: Best Delegate at KAMUN, Pulchowk MUN, Best Position Paper in Golden Gate Mun
- Winner in Karmalaya-X Project Exhibition

