

Rikesh Acharya

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SKILLS

PROMPT ENGINEERING	Replit • Claude • Gemini • LangChain • Prompt Design • AI Workflows • LLM Fine-tuning
DATA SCIENCE	Python • Pandas • NumPy • Matplotlib
MACHINE LEARNING	Keras • TensorFlow • Scikit-learn
MATHEMATICS	Calculus • Linear Algebra • Statistics
DATABASE MGMT	MSQL • MongoDB
FRONT END DEV	JavaScript • Tailwind • Bootstrap • HTML • CSS
SOFT SKILLS	Team Player • Bias for Action • Deliver Results

EXPERIENCE

PROMPT ENGINEER | AI Tools, LLMs, Workflow Automation

Self-Directed Prompt Engineer | Jan 2025 – Present,
Designing and optimizing prompts for AI applications

- Design and iterate prompts for Claude, GPT-4, and Gemini to solve real-world business problems
- Build LangChain-based pipelines for automated document processing and summarization
- Develop and test system prompts for customer support, content generation, and data extraction bots
- Evaluate model outputs using A/B testing to improve accuracy and reduce hallucinations
- Document prompt libraries and best-practice guidelines for team usage

DATA SCIENTIST | Python, Django, Machine Learning, Google Colab, Recommendation

Self-Directed | June 2023 – Present, Kathmandu

A student actively building hands-on data science experience

- Extract diverse datasets using Python web scraping tools (BeautifulSoup, Scrapy)
- Clean and preprocess data with Pandas for downstream machine learning tasks
- Conduct Exploratory Data Analysis (EDA) using Matplotlib and Seaborn
- Train and evaluate ML models (classification, regression, recommendation systems)
- Completed analysis of 10+ datasets with actionable predictions from CSV sources

SOFTWARE ENGINEER | Python, Node JS

Self-Directed | Aug 2020 – Present, Kathmandu

Building full-stack and backend skills through personal projects

- Developed multiple projects to strengthen software engineering fundamentals
- Exploring software deployment and production-level architecture concepts

Hands-on experience with Spring Boot for RESTful API development

EDUCATION

TRIBHUVAN UNIVERSITY-

B.Sc. Computer Science and IT
Oct 2023 - Present

ARUNIMA SECONDARY SCHOOL-

+2 - Schooling
July 2023

COURSEWORK

Cracking the Coding Interview

System Analysis and Design

Hands-On Machine Learning -
with Scikit-Learn, Keras, and
TensorFlow

Web Design

(Django)

DBMS Structure

PROGRAMMING LANGUAGE

Object Oriented Paradigm
(Python, C++, Java)

Structured Paradigm (C)
Web Development (HTML,
CSS, JavaScript)

INTRESTS

Traveling • Nutrition • Music