ANKIT RAJ MEHTA

AI DEVELOPER
Final Year Computer Engineering Student
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EXPERIENCE

Junior AI engineer| Feb 2026- April 2026
AI Intern | August 2025 - Feb 2026

@ iBriz.ai - *A San Francisco based crypto/AI company*

- Designed and developed multiple AI agents, including an LLM-driven GEO (Generative Engine Optimization) analysis agent for tracking and optimizing website visibility in generative search ecosystems.
- Built AI-based systems using FastAPI, Celery, and MongoDB to support scalable, asynchronous AI workflows.
- Also worked on the Omorenda project, implementing and experimenting with Openclaw-based AI agents for applications in the human longevity and wellbeing domain.

Technical Operations And Data Associate | January 2025 – July 2025
Data analytics and AI Research Intern | September 2024 - January 2025

@ eRuchi Pvt. Ltd. – Kathmandu, Lalitpur - *A KTM based market-research start up*

- Designed an in-house content-based recommendation engine, improving user-product matching.
- Led development and managed maintenance for a platform focused on user data collection, overseeing a team of three developers.
- Conducted comprehensive data analysis and created visualizations to support operational efficiency and strategy

(Volunteering) Founding Member | May 2020 - February 2023
@ Navya Nepal

- Organized donation and student-support programs, coordinating fundraising and distribution efforts for underserved students.

EDUCATION

Tribhuvan University, IOE, Pulchowk Campus | 2023 - 2027 Bachelor's

Degree in Computer Engineering

St. Xavier's School, Jawalakhel, Nepal | 2020-2022

+2 (Grade 11, 12)

KEY PROJECTS

MemBlocks - Building a modular context management system for LLMs implementing hybrid retrieval across memory partitions, enabling LLM-agnostic structured memory access through Python SDK, REST API, and MCP-based agent integration.

SignEase - Optimized a transformer-based model for higher-level continuous sign language recognition, enabling real-time word-level translation from ASL to english in a video calling app.

Auto-Presence - A social media automation platform that leverages AI to generate, schedule, and analyze content across various social media platforms.

ProtoEvolve - Evolutionary AI simulation where virtual creatures adapt and evolve using genetic algorithms and adaptive neural networks.

KEY CERTIFICATES

AI Fellowship — Microdegree™ in Artificial Intelligence | Apr 2025 – Dec 2025
Fusemachines

Machine Learning Specialization
Stanford University & DeepLearning.AI

CS50
Harvard University

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
DeepLearning.AI

HACKATHON PERFORMANCE

Grand Winner in **Yathartha Dataverse** (Thapathali Campus), **Sagarmatha HackFest** (Sagarmatha Engineering College), and the **FinTech category at LOCUS Hack-A-Week 2024** (Pulchowk Campus).
Presented a project (SignEase) at LOCUS 2024

MAJOR SKILLS

AI/ML, Python, RAG, TensorFlow, FastAPI, Celery, Git, REST APIs, SQL, Pandas, Matplotlib