

# Aayush D.C Dangi

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AI/ML Engineer | Flutter Developer | Full-Stack Developer

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## Professional Summary

AI/ML-focused software developer with strong expertise in building intelligent systems and scalable mobile applications. Experienced in designing real-world AI solutions including chatbot systems using Retrieval-Augmented Generation (RAG). Skilled in Flutter development, backend integration, and performance optimization with a focus on clean architecture and user experience.

## Technical Skills

Languages: Dart, Python, JavaScript, C, C++

AI/ML: NLP, RAG, LLM Integration, Computer Vision

Frameworks: Flutter, Node.js, Express.js

Databases: MongoDB, SQL, Firebase, Hive

Tools: Git, Docker, Postman

## Professional Experience

AI/ML Intern – Nepal Telecom (Jan 2026 – Mar 2026)

- Built an AI-powered customer support chatbot using RAG architecture
- Improved response relevance by integrating structured telecom datasets
- Designed efficient query processing and embedding pipelines
- Reduced response latency and enhanced user experience

Freelance Flutter Developer (Nov 2023 – Present)

- Developed cross-platform mobile apps with high performance and clean UI
- Integrated APIs and Firebase backend for real-time functionality
- Optimized applications using efficient state management

## Key Projects

AI Chatbot System

- Developed an intelligent chatbot using Flutter and LLM APIs
- Implemented local storage and optimized API handling for better performance

### Facial Recognition System

- Built a computer vision system for face detection and recognition
- Used machine learning techniques to improve identification accuracy
- Designed efficient processing pipeline for real-time recognition

### Multiplayer Bingo Game

- Developed real-time multiplayer game using Firebase
- Ensured seamless synchronization and responsive UI

## Education

BSc CSIT, Amrit Science Campus, Kathmandu (2022 – 2026)

## Highlights

- Developed AI chatbot system for a national telecom organization
- Strong focus on production-ready applications
- Continuously learning AI/ML and scalable systems