Aditya Kumar Anupam

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SKILLS

Languages:	C, C++, Java, JavaScript, Python
Frameworks:	HTML and CSS, Tailwind, Next.js, Flutter, Flask, Django, FastAPI, LangChain
Tools/Platforms:	MySQL, MongoDB, Supabase, Git, Github, Docker, Kubernetes, CI/CD, Maven, Vercel
AI & ML:	HuggingFace, Transformers, Pytorch, TensorFlow, NLP, Fine-tuning LLMs, AI Agents
Soft Skills:	Problem-Solving, Adaptability, Consistency, Attention to detail, Critical Thinking

TRAINING

- **Cipher Schools - EdTech Company** | Link   *May'25 – Jul'25*
  Mobile Application Development using Flutter
  - Built cross-platform mobile applications using **Flutter** and **Dart**, integrating **PostgreSQL** and **Supabase** for backend services.
  - Implemented secure authentication and real-time data operations using **Supabase**.
  - Designed modern, consistent UI components following **Material 3** for a smooth user experience, while maintaining scalable architecture and clean code practices throughout the project.

PROJECTS

- **RAG-Powered Query Resolver with Google Gemini** | Link   *Sept'25 - Oct'25*
  - Constructed a document-driven query engine using a **RAG architecture** to convert static text files into a conversational knowledge base.
  - Leveraged the **Google Gemini API** for context-awareness and grounded responses while reducing irrelevant outputs.
  - Designed a full retrieval pipeline using **ChromaDB** for vector storage and a **HuggingFace's embedding model** for vector generation, ensuring efficient and customizable AI-powered search.

- **Dia Therapist - Fine-Tuned LLM for the GenZ** | Link   *Jan'25 - Apr'25*
  - Developed an AI therapist using a fine-tuned **Qwen 2.5 7B Instruct** model trained on therapy-focused data, delivering empathetic, context-aware mental-health conversations.
  - Assembled a fully **voice-interactive system** using Whisper (STT) and Kokoro (TTS), enabling natural, real-time therapeutic sessions.
  - Engineered a complete **Flask backend + Next.js frontend** pipeline with session memory, real-time chat, and smooth client-server LLM inference.

- **Dia Moderator - AI Powered Multi-platform Moderation System** | Link   *Feb'25 - Mar'25*
  - Created a unified moderation system for **Discord, WhatsApp, and Telegram** with centralized control and automated rule enforcement.
  - Deployed **profanity filtering, spam detection**, and a progressive warning engine for scalable community management.
  - Integrated the **Google Gemini API** for AI-driven summarization and context-aware replies, plus a **real-time dashboard** with QR-based WhatsApp authentication.

CERTIFICATES

- Build Generative AI Apps & Solutions with No-Code Tools | Link   *Aug'25 – Sep'25*
- Mobile Application Development using Flutter | Cipher Schools | Link   *May'25 – Jul'25*
- Cloud Computing | NPTEL | Link   *Jan'25 – Apr'25*
- Computer Communications Specialization | Coursera | Link   *Aug'24 – Oct'24*

EDUCATION

- **Lovely Professional University**   Phagwara, Punjab
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.31***   *Aug'23 – Present*

- **Pataliputra Central School**   Khagaria, Bihar
  *Intermediate; **Percentage: 86.40***   *Apr'20 – Mar'22*