

AMAAN SYED

AI Engineer | LLM Pipelines & Automation Systems

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PROFESSIONAL SUMMARY

Dynamic AI Engineer with 6+ months of professional experience in production LLM pipelines and automation systems. Efficient and reliable prompt engineer with a strong understanding of NLP techniques and best practices. Experienced open-source contributor with a multi-disciplinary project track record. Possessing a strong background in Python, machine learning frameworks, and scalable backend deployment. Recognized for mentoring 20+ peers, students, and colleagues in AI concepts, as well as winning and participating in multiple competitions. Seeking an AI Engineer role focused on scalable infrastructure and intelligent automation.

WORK EXPERIENCE

SOFTWARE ENGINEERING INTERN - AI ENGINEERING

Sep 2025 – Dec 2025

VideoDB, San Francisco, California, USA

- Architected and developed advanced agentic AI systems that leveraged the VideoDB platform to automate complex video analysis and creation workflows.
- Developed 3 agents for tasks like autonomous video editing, reducing the time for manual video analysis by 65% and implementing a feedback loop to make AI video generation very accurate based on user priority.
- Integrated database solutions that improve the performance of semantic search in video metadata.

ANDROID DEVELOPER - AI INTEGRATION LEAD

Nov 2024 – Oct 2025

The Android Club, Bhopal, Madhya Pradesh, India

- Mentored 20+ students on AI and automation concepts; trained 40+ additional students at hackathon events.
- Evaluated 15+ student projects on LLM implementation as Chief Judge for AI hackathon Boot-camp.
- Led AI initiatives advising my department on tool integration for 3+ competitions.

WIREFRAME DESIGNER

Nov 2024 – Oct 2025

MakeMyCards.com, Mumbai, Maharashtra, India

- Designed 15+ wireframes in Figma improving design hand-off efficiency by 35%.
- Reduced project expenses by 75% through optimized workflow using free resources.

EDUCATION

Integrated Master of Technology – Computer Science (Data Science)

Expected 2028

VIT Bhopal, Bhopal, Madhya Pradesh, India

High School Diploma – Science Stream (92%)

2011 – 2023

The Bishop's School, Pune, Maharashtra, India

TECHNICAL SKILLS

Python Agent Development | Automation Workflows | Prompt Engineering || Android Development | Agent Frameworks | Vector Databases | RAG | UI/UX Design | AI-assisted Software Development | Data Science | Lang-chain | n8n | Android Studio | GitHub Copilot | Dev-Ops

PROJECTS

Meteor – Browser AI Agent

- A web extension aimed to make traditional chromium or Firefox based browser agentic without the hassle of moving to a new browser.
- Pre-beta testing for tasks like form filling and automated browsing has resulted in speeds 30% faster than Perplexity Comet and ChatGPT Atlas in early stage testing
- It is highly customizable for bookmarks and commonly visited sites, featuring a local memory cache for fast retrieval with RAG implementation.
- Engineered autonomous workflows for cross-platform automation; beta open-source release planned February 2026.

Edentic – Video Editing Platform (Hackathon Winner)

- Reduced manual resource allocation by 50% through AI automation workflows using Python and VideoDB.
- Automated Level 1 and Level 2 editing tasks, significantly reducing production time.

Sentinel – Cybersecurity Tool (Top 100, Hack-hazards'25)

- Designed real-time threat detection browser extension using Screenpipe and GroqCloud.
- Uses fast inference large language model APIs for quick responses, along with different models used for various types of task
- Integrates traditional cybersecurity APIs with AI and vision analysis powered by Screenpipe
- Constructed automated response workflows with LLM-powered security analysis.

Klipify – Learning Platform

- Transformed YouTube videos into interactive learning experiences with a conversational, multilingual AI interfaces
- Using Gemini API along with a RAG pipeline along with VideoDB's transcription this tool for data extraction is great for multilingual use
- Converts the transcription of the video along with web search integration into knowledge bases with query support.
- Converts long singular videos into easily learnable small short videos

CERTIFICATIONS

- Complete AI & Machine Learning Data Science Boot-camp – Zero To Mastery, Udemy
- Android Developer with Kotlin – Udemy (2025)
- Google Developer Program – Pre-release Testing (Project IDX, Firebase Studio)

ACHIEVEMENTS AND MEMBERSHIP

- **1st Place Winner** – AI Demos x VideoDB Hackathon
- **1st Place** – AcWoC'25 (300+ participants)
- **Top 10 Contributor (Rank 8)** – Social Summer Code 2025
- **Top 100** – Hack Hazards'25 AI Cybersecurity Track
- **Finalist** – SIH'25 Internal Round (Team Lead)
- **Finalist (Top 30)** – John Hopkins VIT Health Hack (Team Lead)

ADDITIONAL INFORMATION

Languages: English (Native), Hindi (Fluent)

Availability: Immediate | Full-Time, Part-Time, Internship | Remote and On-site **Philosophy:** I follow the Japanese philosophy of Kaizen in software development, adhering to the principle of continuous improvement to prevent quality control issues.