

# 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 a 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 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**

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- 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**

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- **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**

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**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.