

# AYAN JAWAID

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

AI Product Builder · LLM Application Developer · Generative AI Developer

[Kanz AI Portfolio](#) | [NinthLoop Studio](#) | [Blog](#)

## PROFESSIONAL SUMMARY

AI Product Builder and Generative AI Developer with 1+ year of experience turning ideas into working, shipped products. I combine technical knowledge with product thinking — understanding how AI systems work, how applications are built, and critically, why they should exist. Experienced across LLM applications, RAG pipelines, multimodal AI, agentic workflows, and end-to-end product delivery. Recognised at the Kanz AI Global Hackathon (Bronze, 14,075 participants) and a Guinness World Record Holder as part of the largest AI video lesson in history. Seeking roles where AI, ideas, and real-world impact intersect.

## ACHIEVEMENTS & RECOGNITION

- 🏆 **Guinness World Record Holder** — Most users in an AI video lesson · 14,075 participants · Kanz & Saudi Arabia's Ministry of Human Resources and Social Development · July 15, 2026 · [View Certificate](#)
- 🥉 **Bronze** — **Kanz AI Global Hackathon, July 2026** · Project: NexoSquad: Privacy-First AI Workspace · AI Showcase Featured Project · Certified by Lebanese American University & Saudi Arabia's Ministry of HRSD · Certificate ID: KANZ-ADV9454 · [Kanz AI Portfolio](#)
- 📄 **Research Paper** — "Performance Analysis of Machine Learning Algorithms for Brain Stroke Prediction" · Presented at a National e-Conference · [View Paper](#)
- Contributed to AI training and evaluation workflows at iMerit — preference ranking, quality calibration, and LLM performance improvement at scale.

## EXPERIENCE

### AI Training Associate (Freelance) | [iMerit](#) · [Remote](#) | 2025 – Present

- Evaluated AI-generated outputs using structured rubrics and quality guidelines to improve LLM model performance across diverse task types.
- Performed preference ranking, comparison tasks, and reasoning-based assessments across diverse LLM outputs.
- Worked with multimodal datasets (image, text, contextual) and participated in calibration sessions for model training pipelines.

### Freelance AI & Product Engineer | [Client Projects](#) · [Remote](#) | Feb 2025 – Present

#### STREAMFORGE — Enterprise OTT Video Processing Platform (VIVLY) Feb 2025 – Dec 2025

- Designed and built an enterprise-grade OTT video processing and distribution platform powering media workflows for the VIVLY ecosystem.
- Built automated video ingestion, transcoding, adaptive bitrate HLS generation using FFmpeg (360p–4K), and cloud distribution pipelines.
- Integrated AWS S3 + CloudFront for scalable global storage and delivery; containerised with Docker on AWS infrastructure.

#### E-Commerce CMS Platform Jan 2026 – Present

- Building a scalable CMS covering product management, inventory, order processing, and admin workflows with a focus on API integration and performance.
- Implementing role-based access control, real-time stock management, and multi-payment gateway integration using Django REST Framework and React.

### Data Science Intern | [Feynn Labs](#) · [Remote](#) | Jul 2024 – Sep 2024

- Built Tableau and Excel analytical dashboards for client reporting; implemented RFM modelling on 50,000+ record datasets to identify high-value customer segments.
- Validated and cleaned large structured datasets; produced structured KPI reports that improved stakeholder decision-making turnaround by 10%.

### Python Developer Intern | [Techplement](#) · [Remote](#) | Jun 2024 – Jul 2024

- Automated Excel-based reporting workflows using Python, reducing manual effort by 30%; integrated external APIs to improve data pipeline efficiency by 25%.

## PROJECTS

### VoxLens — AI-Powered Pronunciation Checker [Live Demo](#)

[Next.js](#) App Router · [Tailwind CSS](#) · [OpenAI](#) · [Groq](#) · [Gemini](#) · [OpenRouter](#) · [Web Speech API](#)

- Built an AI-powered English pronunciation checker supporting both uploaded audio files and in-browser microphone recording via Web Speech API.

- Designed a flexible multi-provider speech-to-text architecture — auto-routes across OpenAI, Groq, Gemini, and OpenRouter with graceful demo fallback if no API key is available.
- Implemented configurable AI feedback pipeline using a separate FEEDBACK\_PROVIDER for coaching LLM, decoupled from transcription provider.
- Built a privacy-first system: no audio, transcripts, scores, or reports are stored — all data lives in-memory during processing and is discarded immediately after; results remain browser-session only.
- Delivered for Livo as part of a technical assessment; shipped to production on Vercel with full environment-based provider configuration.

**NexoRaid — Privacy-First AI Workspace**  [Kanz AI Bronze](#) | [Live Demo](#)

*Next.js 16 · TypeScript · React 19 · WebGPU · WebLLM · Tesseract.js · pdfjs-dist*

- Built an AI workspace running open-source LLMs (Llama 3.2, Qwen 2.5, Phi 3.5) 100% in-browser via WebGPU — zero cloud dependency or API key required.
- Smart Provider Router auto-switches between local WebLLM inference and cloud APIs (OpenAI, Groq, OpenRouter, Gemini) based on network state and privacy mode.
- Integrated browser-native OCR (Tesseract.js), interactive PDF viewer + text extraction, auto-rendered Mermaid diagrams, and agentic web search with real-time RAG.
- Ephemeral session architecture mathematically wipes all credentials and local storage on timer expiry — privacy-first by design.

**NinthLoop Studio — AI-Powered Digital Solutions Platform** [Live Platform](#)

*Next.js · AI Chatbot Integration · GA4 Analytics · SEO · Telegram Bot API · Mobile-First Design*

- Designed and built a freelancer-focused digital solutions platform offering business websites, AI chatbots, portfolio sites, booking systems, and landing pages.
- Implemented GA4 analytics for user acquisition tracking, Telegram-based lead management, and mobile-first SEO-optimised design for professional discoverability.
- Built full legal infrastructure (privacy policy, refund policy, T&C), client intake flow, live project gallery, and digital store.

**SKILLS**

|               |                                                                                                                                                              |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AI & LLM      | Prompt Engineering, LangChain, RAG Pipelines, LLM Orchestration, Multimodal AI, WebGPU Local Inference (WebLLM), Ollama, AI Evaluation, Agentic Workflows    |
| Product       | Product Strategy, Service Design, UX & User Journey Design, Business Process Automation, Solution Architecture, Digital Product Development, Lead Generation |
| Analytics     | Google Analytics 4 (GA4), User Behaviour Analytics, Conversion Tracking, SEO Fundamentals, Performance Monitoring                                            |
| Dev           | Python, TypeScript, JavaScript, Next.js, React, Flask, Django, Streamlit, SQL                                                                                |
| Cloud & Infra | AWS (EC2, S3, CloudFront), Docker, Vercel, HLS Streaming, FFmpeg                                                                                             |
| Tools         | Git, Postman, Linux, Tableau, Excel, Tesseract.js, Telegram Bot API                                                                                          |

**EDUCATION**

|                                                |                             |             |            |
|------------------------------------------------|-----------------------------|-------------|------------|
| Master of Computer Applications (MCA)          | Asansol Engineering College | 2021 – 2023 | CGPA: 8.93 |
| Bachelor of Computer Applications (BCA)        | Asansol Engineering College | 2018 – 2021 | CGPA: 8.59 |
| Data Science & Machine Learning Specialization | Scaler Academy              | 2023 – 2025 |            |