

Maarij Aqeel

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Summary

AI Engineer who transforms research into revenue driven production systems. Automated workflows that reduced manual effort by 50% and achieved a 27% boost in LLM command accuracy. Specialized in building scalable LLM platforms and cost-optimized AI solutions that enhance business productivity and reliability.

Education

FAST NUCES

BS in Artificial Intelligence

Chiniot, Pakistan

Expected Graduation: June 2027

Technical Skills

Programming Languages: Python, JavaScript, Typescript, React

AI/ML Frameworks: PyTorch, TensorFlow, Keras, HuggingFace Transformers

Web Frameworks: Django, FastAPI, Next.js, React Native

Tools & Platforms: GitHub, Azure, Supabase, Ollama, n8n, Vercel, Google Colab, **Databases:** PostgreSQL, SQL, MongoDB

Specializations: NLP, LLM Fine-Tuning, RAG Systems, Genetic Algorithms, Automation, Full-Stack Development

Experiences

Backend & AI Intern

Software Productivity Strategists (SPS)

July 2025 – Sep 2025

- **Built REST APIs** powering enterprise backend systems, supporting **daily requests** and reducing average response time by **30%**.
- **Integrated IBM WatsonX** into the Greenkeeper assistant, automating workflows and **cutting manual decision analysis time by 45%**, enabling faster project execution.

AI Development Intern

Nexium

July 2025 – Aug 2025

- Automated workflows with **n8n** and deployed full-stack apps using **Next.js + Supabase/MongoDB**.
- Built AI-powered blog summarization tool, reducing content review time by **75%**.

Freelance Developer

Fiverr, Upwork, Freelancer, Guru

2024 – Present

- Built an **Automated Workshop Planner & Dashboard**, improving client workflows by **40%**.
- Designed an AI content automation system using **n8n** for social media, cutting content creation time by **60%**.

Projects

Intervue AI – AI-Powered Interview Platform

Tech Stack: Next.js, Vapi, Supabase, n8n, Tailwind

- Built dual-auth interview system with dashboards and real-time analytics.
- Automated Q&A generation, reducing manual setup by **50%**.

SmartDietPlanner – AI-Powered Nutrition Assistant

Tech Stack: Django, Botpress, HuggingFace, LoRA, Ollama

Team Project | Lead Developer

- Developed a **deployed web platform** with secure auth, dynamic meal plans, and recipe chatbot.
- Fine-tuned **LLaMA 3.2** on **35K+ samples** and integrated **RAG** for contextual recipe generation.

ScrapeSmart – No-Code Web Scraper with LLMs

Tech Stack: Python, BeautifulSoup, Selenium, Gemini AI, FastAPI, JavaScript

- Developed intelligent scraping pipeline with LLM post-processing.
- Enabled structured content extraction from multiple site formats.

GhostShell – LLM-Powered Terminal Assistant

Tech Stack: Python, HuggingFace, DeepSeek-Coder-V2-Base, CLI

- Fine-tuned **DeepSeek-Coder**, improving command accuracy by **27%**.
- Built context-aware autocompletion and **>90%** precise intent parsing.

Areas of Interest

Large Language Models, NLP, Computer Vision, Game AI, Reinforcement Learning, Embedded Systems, Backend Development, Automation Workflows.