Andrei Alexandru

AI Engineer

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PROFESSIONAL SUMMARY

AI Engineer with 3+ years of experience designing and deploying LLM-driven systems, with a focus on agentic architectures, RAG pipelines, and multi-agent systems. Currently building AI solutions for the property sector at RLB, delivering end-to-end features from rapid prototyping to production. Built a real-time multi-agent AI platform as Founding Engineer, implementing complex orchestration across voice and text interfaces. Strong full-stack capabilities with Python backend and React/Next.js frontend. Passionate about rapid iteration, shipping features that drive customer impact, and pushing the boundaries of what AI agents can do.

TECHNICAL SKILLS

AI / LLM: Agentic Architectures, Multi-agent Systems, RAG Pipelines, Prompt Engineering, LLM Fine-tuning

Models: OpenAI GPT-5, Azure OpenAI, Anthropic Claude, ElevenLabs Real-time API

Backend: Python (advanced), FastAPI, REST APIs, WebSockets, Supabase, SQL

Frontend: Next.js, React, TypeScript, JavaScript

Cloud / DevOps: Azure (AI Foundry, Functions, Vision, Speech), Vercel, GitHub Actions, CI/CD

PROFESSIONAL EXPERIENCE

AI Developer *March 2025 – Present*

RLB (Rider Levett Bucknall), London (Property/Construction Sector)

- **Building AI systems for the property sector,** automating document-heavy workflows
- Designing and deploying RAG pipelines integrating LLMs with domain-specific data
- Implementing agentic architectures for complex multi-step reasoning tasks
- Rapid prototyping and iteration based on stakeholder feedback
- Owning end-to-end development from POC to production deployment
- Collaborating with cross-functional teams to ship features that drive business impact

Graduate AI Engineer *September 2023 – March 2025*

Jaguar Land Rover, Coventry

- Developed ML and LLM solutions in the Computer Vision Research and AI department
- Built internal tools with rapid iteration cycles based on user feedback
- Contributed to AI governance frameworks and responsible AI practices
- Delivered complex software systems across cross-functional teams

Software Intern (Industrial Placement) *June 2021 – August 2022*

Jaguar Land Rover, Coventry

- Used ML to optimize the Jaguar I-PACE traction control system
- Contract extended by 2 months due to strong performance (14 months total)

AI PRODUCTS BUILT

Nuree AI   *Founding Engineer, 2025*

Multi-agent AI platform with real-time voice and text interfaces

- **Built multi-agent system** coordinating voice AI (ElevenLabs) and text AI (GPT-5)
- Implemented agentic architecture with shared memory, tools, and context across agents
- Developed real-time WebSocket communication with interruption handling
- Designed state management for persistent, context-aware interactions across sessions
- Full-stack development: Next.js frontend, Python backend, Supabase database

Alimio   *Solo Founder, 2025*

Published on App Store & Google Play

- Built end-to-end AI application integrating vision, speech, and language models
- Implemented OCR pipeline using Azure AI Vision for document/image processing
- Rapid iteration based on user feedback post-launch
- Deployed production system with CI/CD on Azure infrastructure

EDUCATION

BSc Computer Science (First Class Honours) , University of Surrey, UK   *2019 – 2023*