

STATEMENT

Ambitious AI & Automation Engineer with strong software engineering roots and hands-on experience in delivering production-grade systems. I have built AI workflows, AI Agent orchestration, and agentic RAG systems, across cloud and full-stack environments. I specialise in turning AI proofs-of-concept into reliable, scalable production solutions. At Capgemini I helped deliver an award-winning AI Sales Assistant and won two global AI hackathons judged by Microsoft, GitHub, and NVIDIA.

I now am part of Latham & Watkins, where I focus on driving enterprise automation through AI agent orchestration and architecting AI workflows for customer support systems to deliver measurable impact.

Driven by outcomes, I thrive in environments where innovation and ownership are essential, and I am known for adapting quickly, solving complex challenges, and consistently adding value beyond expectations.

SKILLS

- **Programming Languages:** Python, C# (.NET), Typescript
- **Technologies & Frameworks:** Next.js, Blazor .NET, Vue.js, Django, Semantic Kernel, LangChain
- **Cloud & DevOps:** Microsoft Azure (AI Foundry, App Services, DevOps Pipelines)

EXPERIENCE

AI & Automation Engineer

Latham & Watkins, November 2025 – Current

Standalone role owning end-to-end discovery and delivery of AI use cases for customer support systems to automate processes across enterprise platforms (ServiceNow, Talkdesk, Azure).

- **Built a custom summarisation and guidance skill.** This included tools such as retrieval for past records and knowledge articles, scripts to standardise LLM input, and prompt generation agent collaboration. This skill helped bring about clarity, structure, and direction for Workplace Experience Team.
- **Architected a multi-agent chatbot workflow**, which is used as a first response to technology support. The chatbot can use RAG on knowledge articles for basic troubleshooting, run diagnostic workflows for user devices to identify performance bottlenecks, and ordering service portal equipment.
- **Deployed and maintained multiple AI agents** responsible for helping autocompletion of tickets through analysis of past similar tickets.

Software Engineer

Capgemini, November 2024 – November 2025

Key Developer for AI Sales Assistant (Internal Tool): Award winning .NET (Blazor) web application powered by agentic RAG on Azure AI Services to retrieve internal client knowledge and accelerate bid creation; supported > £250m successful sales activity in 2025.

- **Built and delivered user-facing features**, such as a multi-file selection in conversational flows, multi-modal input handling, model-specific configuration controls, and system admin conversational view - improving usability, flexibility, and governance for internal stakeholders.
- **Led a full function schema redesign**, to fix GPT-4.1 tool invocation issues introduced by multi-modal workflows which improved tool call reliability and response quality beyond the original implementation.
- **Improved maintainability and resilience**, by Identifying and implementing multiple architectural best practices and defensive programming patterns that reduce debugging time and increased production stability.
- **Optimised Azure OpenAI** response streaming error handling with asynchronous programming and UI responsiveness by addressing prerendering conflicts which streamlined performance and reduced latency.

Hackathon Achievements:

- **1st place, Capgemini Global Microsoft/NVIDIA/GitHub Agentic AI Hackathon:** Outperformed 1420+ participants. Collaboratively developed a versatile AI multi-agent virtual lab tool building complex reports with MCPs servers.

- **1st place, Capgemini Global Microsoft/GitHub AI Reinvention Hackathon:** Built an agentic solution which automated client reference creation process by using Azure and Semantic Kernel's agent framework and process framework.

CERTIFICATIONS

- **Microsoft Certified:** AZ-900: Azure Fundamentals, AI-900: AI Fundamentals, AI-102 (In progress)

EDUCATION

University of Leeds

BSc. (Hons) Computer Science, Class of 2024 – 2:1

- **Key Modules:** Software Engineering, Artificial Intelligence, Machine Learning, Cryptography, Algorithms, Distributed Systems, Web Application Development, Intelligent Systems, Databases, Object Orientated Programming, Discrete Mathematics

Rochdale Sixth Form College

A Levels, 2019 – 2021

- Mathematics: A*, Computer Science: A, Psychology: B.

PERSONAL PROJECTS

Opuluxe Moments (July 2026 – Current)

Next.js, Tailwind, PostgreSQL

- Freelance work for a wedding decoration business. Built a website for them to advertise their packages and build their own custom event.
- **Link:** <https://www.opuluxemoments.co.uk/>

SimplyBudget (October 2025 – Current)

Vue.js, Django, Tailwind, PostgreSQL

- A full-stack personal finance app for tracking recurring income and expenses, with secure user accounts, email verification, and a customizable dashboard for monitoring budgets and transactions over time.
- **Link:** <https://www.simplybudget.co.uk/>

Revlive, Discord Bot (March 2025 – Current)

C#, SQL

- Building a fantasy car racing discord bot. Allowing users to collect cars, build collections, trade with others, and compete in races.

GymPal, AI-Driven Chatbot (October 2023 – May 2024)

Python, Streamlit, SQL, Google Colab, Hugging Face Transformers, LangChain

- Built an AI-powered gym assistant using fine-tuning and quantisation of pre-trained LLMs, with custom datasets curated through web scraping technologies.
- Focused on conversational flow and model performance within resource constraints. Achieved 2:1.

ACHIEVEMENTS & AWARDS

- **1st Place** - Capgemini x Microsoft/NVIDIA/GitHub Agentic AI Hackathon
- **1st Place** - Capgemini x Microsoft/GitHub AI "EVERY APP WILL BE REINVENTED BY AI" Hackathon
- **1st Kyu Karate** - Demonstrated discipline and strategic thinking through training and competitions
- **Duke of Edinburgh Award** - Developed resilience and teamwork
- **Cyber Discovery** - Excelled in cybersecurity logic and reverse engineering challenges
- **Scout & Student Leader** - Mentored and led diverse individuals, honing leadership and communication

REFERENCES

Available on request.