



Andreas Stathopoulos

Senior AI Engineer

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Professional Summary

Senior AI Engineer with 5+ years building production systems for industry leaders. Led end-to-end AI projects delivering cutting edge solutions. Specialized in Generative AI, LLMs, and cloud-native MLOps pipelines.

Professional Experience

Senior AI Engineer | RedCloud | *London* | *March 2025 - Present*

Building AI systems for emerging market logistics

- Designed and developing "RedAI" Platform that provides actionable insights, provides price & stock forecasting and conducts data analysis with live updates incorporating ML & AI Agentic solutions.
- Implemented prototype of AI Agent that analyses sales data and provides insights on sellers.
- Conducted data analysis on sales and customer data to support multiple stakeholders on customer acquisition.
- Developed "Request for Quote" MVP connecting thousands of our B2B clients with 3PL providers across Nigeria aiming to reduce dramatically the cancellation of orders due to lack of logistics.
- **Tech Stack:** Python, Pydantic AI, LangChain, LLMs, AI Agent, Snowflake, AWS, Supabase.

Data Scientist | BJSS | *Leeds* | *February 2024 - February 2025*

Delivered end-to-end enterprise AI solutions

- **Weather Intelligence System:** Built production-level AI Agent generating weather forecasts for a UK government body providing time reduction per forecast text generation from 45 minutes to only 20 seconds.
- **Payroll Anomaly Detection:** Developed Anomaly detection system producing internal HR reports helping to avoid fines and legal procedures.
- **Document Digitization Pipeline:** Designed end-to-end GenAI+OCR solution processing medical claims, reducing manual review time by 75%
- **AI Knowledge Transfer:** Delivered workshop training 40+ engineers on GenAI best practices, establishing company-wide AI adoption strategy
- **Innovation Leadership:** Spearheaded document intelligence initiative using Generative AI, creating new methodologies used in various client projects
- **Tech Stack:** Python, AWS Bedrock, Azure ML Studio, LangChain, SQL Server, OpenAI, Anthropic, Mistral

Line Manager | BJSS | *June 2023 - May 2024*

- Led team of 2 engineers, conducted performance reviews, mentored career development with 100% retention rate.

Software Engineer | BJSS | *November 2021 - February 2024*

Architected high-scale betting platform serving millions of users

- Rebuilt cash-out engine for global gaming leader processing £10M+ daily transactions
- **Performance Optimization:** Achieved 5x performance improvements on critical features using Go profiling and system optimization

- **DevOps Excellence:** Reduced CI/CD pipeline runtime by 80% (from 2 hours to 24 minutes), cutting infrastructure costs by £150k annually
- **System Reliability:** Fixed critical microservices integration issues, improving platform uptime to 99.9%
- **Technical Leadership:** Onboarded and mentored 5+ junior engineers, establishing code review and deployment standards
- **Tech Stack:** Go, RIAK, Microservices Architecture, Performance Optimization

Software Engineer | Cognity | *Athens, Greece* | *February 2020 - October 2020*

Delivered cloud-native e-commerce solution with 6x efficiency gains

- Built Order Management System for major Greek retailer using serverless Azure architecture
- **Business Impact:** Reduced order fulfilment time from 2 hours to 20 minutes (industry-leading performance)
- **Technical Innovation:** Implemented event-driven architecture using Azure Functions, Logic Apps, and Cosmos DB
- **Quality Engineering:** Established automated testing pipeline with 95%+ code coverage
- **Tech Stack:** C#, Microsoft Azure, Azure Functions, Azure Cosmos DB, Serverless Architecture

Education

MSc Data Science & Analytics | *Distinction* | Cardiff University | 2020-2021

BSc Statistics & Insurance Science | University of Piraeus, Greece | 2012-2018

Software Development Bootcamp | AFDEmp | 2019-2020

Certifications

- Introduction to LangGraph - LangChain
- Serverless Agentic Workflows with Amazon Bedrock - DeepLearning.ai
- Generative AI Fundamentals - Databricks
- Microsoft Azure AI Fundamentals (AI-900) - Microsoft
- Microsoft Azure Data Fundamentals - Microsoft
- API Security Fundamentals - APIsec University

Leadership & Community

Technical Mentor | Leeds University e-Mentoring Scheme

- Guided graduate career transitions into tech.

Military Service | Hellenic Army Special Forces | 2018-2019

- Developed leadership, teamwork, and high-pressure decision-making capabilities.

Interests

- **Technical Innovation:** Building AI side projects and contributing to open-source ML frameworks
- **Continuous Learning:** Staying current with latest developments in LLMs, MLOps, and AI safety
- **Athletics:** 12+ years competitive basketball experience developing team leadership and resilience