

## Job Title: AI Engineer

**Location: Cambridge, UK**

**Employment Type: Full-time**

**Department: AI / Engineering**

Alpha CRC is a dynamic translation and language services group, operating across multiple geographies and serving a diverse client base. With several businesses under our umbrella and offices in key global markets, we pride ourselves on delivering high-quality, culturally nuanced language solutions. We are looking for a skilled AI Engineer to design, build, and deploy AI-powered systems that enhance our products and operations. This role combines software engineering, machine learning, and practical problem-solving. You will work across the full lifecycle of AI development—from model integration and prompt optimization to pipeline deployment and monitoring. You will maintain high-quality code and evaluate the performance of the systems you develop.

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### Key Responsibilities

- Implement multi-agent architectures using frameworks such as CrewAI to orchestrate complex AI tasks and workflows
  - Fine-tune transformer models using techniques such as LoRA, PEFT, or supervised fine-tuning to improve performance on domain-specific tasks
  - Evaluate model performance, run experiments, and optimize for accuracy, latency, and reliability.
  - Design and implement end-to-end AI pipelines (data ingestion, feature engineering, inference).
  - Collaborate with cross-functional teams to define requirements and deliver AI solutions that meet business goals.
  - Implement retrieval-augmented generation (RAG), prompt engineering, or agent-based architectures as appropriate.
  - Maintain high-quality code through testing, documentation, and best practices.
  - Monitor and troubleshoot production AI systems, ensuring high availability.
  - Stay current with new AI frameworks, models, and tooling.
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## Qualifications

### Required

- Bachelor's degree in Computer Science, Engineering, Data Science, or a related field (or equivalent experience)
- 3+ years of professional software development experience
- Strong Python programming skills
- Hands-on experience with machine learning frameworks: PyTorch, TensorFlow, Scikit-learn
- Experience working with LLMs, embedding models, or AI APIs (OpenAI, Azure OpenAI, HuggingFace, etc.)
- Knowledge of building and consuming APIs (REST, GraphQL)
- Experience with version control (Git) and modern development workflows
- Strong problem-solving and communication skills

### Preferred

- Experience fine-tuning large language models using HuggingFace or similar frameworks
- Experience running local models with Ollama or similar inference platforms
- Experience with RAG pipelines and vector databases (Pinecone, FAISS, Chroma)
- Background in NLP, computer vision, or deep learning
- Experience optimizing models for performance or cost (quantization, distillation)

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## What We Offer

### Competitive salary

- Hybrid working options
- Access to cutting-edge AI technologies and cloud environments
- Opportunities to shape AI strategy and build impactful solutions
- A supportive, collaborative, and innovation-driven culture

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## How to Apply

Please submit your CV and a short statement of interest to [careers@alphacrc.com](mailto:careers@alphacrc.com). Applications will be reviewed on a rolling basis.