Themis Job Description

Team:	Innovation	Location:	London, SE1
Reports to:	Lead Data Engineer	Role Type:	6 Month Full-Time Employee Contract
Position:	AI Data Engineer - Government Funded Research Project		
About Themis:	Themis is a certified B Corporation technology start-up that works with clients to identify and manage their specific financial crime risks, through a combination of insight, intelligence and innovation. Our goal is to reduce the global impacts of financial crime. Financial crime is a very real and evolving problem. It has been described as "an issue of international security". Not only is the scale of illicit activity in the trillions of £s, but the impact on all of our businesses, the economy and society are profound. Our award-winning technology platform helps organisations understand these strategic threats through an ESG and socio-economic lens and protects their customers, staff, suppliers and shareholders from criminal attacks or association. In this way, we are fuelling sustainable change in the public and private sectors.		
Impact:	Themis is a socially responsible, purpose-driven business that works to meet the highest standards of verified social and business performance, public transparency, and legal accountability to balance profit and purpose. Themis is a certified B Corporation, and we were recently named a 2022 'Best for the World' B Corp™ in recognition of our exceptional positive impact on Governance. The positive impact of Themis is multiplied by the Themis Charitable Trust that directs and raises additional funds to support the victims of underlying predicate crimes. As a Signatory of the United Nations Global Compact, we are proud to be part of a global network of over 9,500 companies and 3,000 non-business participants that are committed to building a sustainable future. Our business is fully aligned with the UN Global Compact principles, and the objectives of the UN Sustainable Development Goals lie at the heart of everything we do.		

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Job purpose:	We are seeking AI Developers to join our research team working on an exciting government-funded AI project to build out and commercialise our Red Flag Service. Red Flag will leverage AI Agents to crawl company structures to identify and detect potential financial crime risks and threats.
	Be part of an impactful project that aims to address critical social issues through the power of AI and data analysis. This role offers the opportunity to contribute meaningfully to tackling financial crime and supporting social justice through cutting-edge technology.
Responsibilities:	• Develop and implement AI-driven financial crime detection models using **Generative AI (GenAI)** and **Agentic AI** approaches.
	• Design and build intelligent AI agents that autonomously analyse structured and unstructured company and news media data.
	• Integrate and optimise Agentic AI workflows using tools like **n8n**, **CrewAI**, **AutoGen**, or similar.
	• Work with **MongoDB** to manage and process large-scale company datasets efficiently.
	• Develop and maintain backend agent services in **C#** or **Python** to support AI models and data pipelines.
	• Develop front end application (**Angular**) to drive the process.
	• Collaborate with the wider research and development team to refine AI methodologies and integrate findings into the development of a scalable solution.
Experience required:	• Strong programming skills in **C# and/or Python**.
	• Experience with **MongoDB** or other NoSQL databases.
	• Proficiency in **Generative AI** and **Agentic AI**, with practical experience in tools like **CrewAI, AutoGen, LangFlow, n8n**, **Azure AI Foundry**, etc.
	• Strong LLM prompting skills, including use of **RAG**, **vector databases**, **fine tuning** and **LLM training**.
	• Ability to design and implement **AI-driven workflows** for real-world applications.
	• Experience with developing micros services, event driven solutions and **DAPR** a real benefit.

	• Understanding of financial crime risks, company structures, or related domains is a plus.
	• Experience with cloud platforms (e.g., Azure, AWS, GCP) and related services for data storage and processing.
	• Strong problem-solving skills, attention to detail, and an analytical mindset.
	• Excellent communication skills, both written and verbal, to collaborate effectively within a multidisciplinary team.
Other Requirements:	• Applicants must be **based in** the UK and possess **full rights** to work in the UK.
	• Unfortunately, we cannot consider candidates who require visa sponsorship or hold visas with work restrictions.