Position Description

Enterprise AI Solutions Architect - Research Lead

Position No:	NEW
Business Unit:	Provost
Division:	La Trobe Business School
Department:	Office of Business School
Classification Level:	Level C
Employment Type:	Fixed Term 1-year, Full time
Campus/Location:	Bundoora
Other Benefits:	http://www.latrobe.edu.au/jobs/working/benefits

Further information about:

La Trobe University - http://www.latrobe.edu.au/about

Enterprise AI Solutions Architect

The Enterprise AI Solutions Architect will work with the Director of AI Strategy to design, develop and deploy agentic AI platform for generalised industry settings that drive operational, tactical to strategic decision-making needs. Drawing on industry-leading AI expertise, this role will deliver technology innovation for the implementation and evaluation of the proposed platform. This role will work closely with the relevant industry partner to ensure the developed platform is evaluated across diverse and generalised industry settings. This position is funded externally from an industry research project.

Position Context

The La Trobe Business School (LBS) is a community of students, academics, professionals and industry partners dedicated to the advancement of business and industry organisations through education and research that is innovative, responsible, and engaged. With close to 150 academic, professional, and administrative staff, including an outstanding professoriate, LBS offers a dynamic learning-focused environment that nurtures the development of our students to their full potential as well as fostering excellence in interdisciplinary research and teaching. We are innovative in our approach to education, in terms of subject content and the responsible adoption of technology for the delivery of our courses.

The LBS AI Strategy aims to achieve nationally recognised leadership in responsible AI innovations for teaching, research and industry engagement. This position is within the scope of industry engagement for responsible AI innovations. This role of Enterprise AI Solutions Architect is full-time, fixed term, Level C step 3, and located in Melbourne at the La Trobe Bundoora Campus. It is funded externally from an industry research project that advances the LBS AI strategy for purposeful industry engagement.

Duties at this level may include:

- Lead the technical design, build and delivery of the Generative AI and Agentic AI platform and evaluation for generalised industry settings. This includes working on discovery and architecture through development, testing, deployment, monitoring and continuous improvement.
- Build and integrate Gen AI and other AI services through APIs, SDKs and model gateways using techniques such as structured outputs, retrieval-augmented generation, tool use and agentic workflows where appropriate.
- Collaborate with relevant industry partner and the Director AI Strategy to ensure timely delivery of project objectives in building and evaluating this agentic AI platform
- Establish practical evaluation, guardrail and monitoring approaches for ethical and responsible agentic AI workflows within the platform, covering output quality, safety, privacy, security, latency, reliability, model behaviour and operating cost.

Essential Criteria

Skills and knowledge required for the position

- Deep technical expertise working with commercial AI products and platforms, such as Open AI, Microsoft Azure etc, and rapid prototyping MVPs, POCs using emerging technologies.
- Architecture-level ownership and technical leadership of complex AI systems, and ability to translate advanced AI research into enterprise solutions
- Demonstrated effectiveness in liaising with diverse industry sectors on AI projects
- Demonstrated record of professional achievement as a leading practitioner with a reputation for skills, knowledge and expertise at a state level.
- Demonstrated ability to evaluate and operate AI-enabled functionality with attention to quality, safety, privacy, security, performance, observability, reliability and cost.

- Demonstrated ability to lead a team and work as a member of a team in a co-operative and collegial manner.

Desirable

- Proven track record in deep technical AI development work and industry engagement
- Excellent analytical and problem-solving skills.
- Strong project management skills with results-driven track record.

Other Information

The position description is indicative of the initial expectation of the role and subject to changes to University goals and priorities, activities or focus of the job.

Why La Trobe:

- Develop your career at an innovative, global university where you'll collaborate with community and industry to create impact.
- Enjoy working on our inspiring and stunning campuses – the perfect hub for industry, students and academics.
- Help transform the lives of students, partners and communities now and in the future.
- La Trobe University adopts an AI-first approach and welcomes staff who embrace AI curiosity to drive innovation in their work.

This is more than just a job. Working at La Trobe offers opportunities to demonstrate excellence and transform lives.

Here, you'll join exceptional people, partners and communities, who power our operations with ambition and purpose.

Our success can be attributed to its strong sense of community. We have a long-standing commitment to diversity, inclusion and social justice; we are committed to providing a workplace where all staff feel valued, respected and supported to achieve their full potential. We strive to build a workplace where all employees of diverse backgrounds, abilities, experiences, sexuality, gender, religion and age are welcome, valued, respected and one that is representative of our community. We demonstrate our cultural qualities by holding ourselves accountable and creating a culture of trust and innovation while genuinely caring for one another.

La Trobe's Cultural Qualities:

WE ARE CONNECTED



*We are **connected** to each other and the communities around us. We engage with those communities to learn from our past, inform our present and impact our future.*

WE ARE INNOVATIVE



*We are **innovative** in tackling the most important issues of our time. We are inquisitive and seek to develop new ideas that positively impact the way we work and the world around us.*

WE ARE ACCOUNTABLE



*We are **accountable** for what we do and share a commitment to excellence. We are courageous and respectful in the way we hold ourselves and each other to account.*

WE CARE



*We **care** about what we do and value the power of education and research. We care about each other and strive to create a safe and inclusive community.*

For People & Culture Use Only

Initials: Date: