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JAC Recruitment Singapore

PR/097569 | Ai Application Engineer

Job Information

Recruiter

JAC Recruitment Singapore

Job ID

1609805

Industry

IT Consulting

Job Type

Permanent Full-time

Location

Singapore

Salary

Negotiable, based on experience

Refreshed

September 1st, 2026 10:24

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Native

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Overview

Our client is looking for an **AI Application Engineer** to drive the design, development, and implementation of enterprise AI solutions. This role is ideal for a hands-on technical professional with strong experience in Generative AI, Agentic AI, Large Language Models (LLMs), and cloud-based application development.

The successful candidate will be responsible for delivering end-to-end AI applications, collaborating with stakeholders to define use cases, and developing proof-of-concepts that demonstrate business value and technical feasibility.

Key ResponsibilitiesAI Solution Engineering

- Build and deploy AI-driven applications using Generative AI and LLM technologies.
- Develop scalable end-to-end solutions across frontend, backend, APIs, and enterprise integrations.
- Design and implement agent-based AI solutions, including multi-agent workflows and intelligent automation capabilities.
- Integrate AI applications with enterprise data sources, business platforms, and external services.

- Develop solutions leveraging RAG architectures, embeddings, vector databases, and AI search technologies.
- Ensure solutions are secure, scalable, and aligned with cloud-native architecture best practices.
- Stay updated with emerging AI technologies and recommend innovative approaches where relevant.

Business & Technical Consulting

- Partner with stakeholders to understand business challenges and convert requirements into AI-enabled solutions.
- Assess opportunities for AI adoption and propose suitable implementation strategies.
- Lead workshops, requirement-gathering sessions, and solution design discussions.
- Provide technical expertise throughout the project lifecycle from discovery through deployment.

Proof of Concept & Client Engagement

- Develop prototypes and proof-of-concepts to validate AI use cases and technical approaches.
- Create demonstrations and showcase environments to support solution discussions.
- Contribute to proposals and presentations by articulating solution benefits, architecture, and implementation methodology.

Requirements Essential Skills & Experience

- Degree in Computer Science, Engineering, Information Technology, Data Science, or a related discipline.
- At least **3 years of experience** in software engineering, AI/ML development, or a related technical role.
- Strong experience with **Generative AI, Agentic AI, and Large Language Models (LLMs)** .
- Proficiency in **Python** and **JavaScript/TypeScript**.
- Hands-on experience with frameworks such as **React, FastAPI, and/or Flask** .
- Strong knowledge of:
 - Retrieval-Augmented Generation (RAG)
 - Prompt engineering
 - Embeddings
 - Vector databases and vector search
 - AI search solutions
- Experience working with AI agent frameworks, intelligent automation platforms, and multi-agent orchestration.
- Familiarity with **LangChain, Semantic Kernel**, or similar AI development frameworks.
- Experience with cloud platforms including **Microsoft Azure, AWS, or GCP** .
- Exposure to **Azure OpenAI Services** and enterprise AI solution development.
- Understanding of containerisation, DevOps practices, and CI/CD pipelines.

Preferred Attributes

- Strong analytical and problem-solving capabilities.
- Ability to bridge business requirements with technical solutions.
- Excellent communication and stakeholder engagement skills.
- Passion for emerging AI technologies and continuous learning.
- Prior exposure to financial services, trading environments, or supply chain industries will be advantageous.

Additional Information

- Location: Singapore CBD
- Team Environment: Join a growing AI practice and contribute to the development of innovative enterprise AI solutions.

This opportunity is best suited for candidates who can combine strong software engineering fundamentals with practical

experience in AI application development and modern LLM-based architectures.

Jaspreet Kaur Sran (R22109724)

JAC Recruitment Pte. Ltd. (90C3026)

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Company Description