



## **MAX SYSTEM SOLUTION SDN. BHD. (1134390-H)**

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*Welcome to Max System Solution. Based in Penang, Max System Solution is the one of the Malaysia's leading Software specialist company that develops and provides customize and high quality software solution, web application development, online marketing, and maintenance services for multinational corporations, huge businesses, as well as small and medium enterprises.*

## **AI Engineer**

### **Job Description**

- **AI Model Development:** Design, develop, and deploy AI models, including machine learning and deep learning algorithms, for various applications such as natural language processing, computer vision, recommendation systems, and predictive analytics.
- **Data Preprocessing:** Work with large-scale datasets, perform data cleaning, feature engineering, and data augmentation to prepare data for training AI models.
- **Model Training and Evaluation:** Implement AI model training pipelines, fine-tune hyper parameters, and evaluate model performance using appropriate metrics. Continuously improve models through experimentation and iteration.
- **Deployment and Integration:** Integrate AI models into existing systems and applications, ensuring scalability, efficiency, and reliability. Collaborate with software engineers to deploy AI solutions in production environments.
- **Research and Innovation:** Stay up-to-date with the latest advancements in AI technologies, research papers, and frameworks. Identify opportunities to leverage new techniques and tools to enhance AI capabilities within the organization.
- **Performance Optimization:** Optimize AI models for resource usage, inference speed, and memory footprint, considering edge computing and real-time processing requirements.
- **Data Privacy and Security:** Ensure compliance with data privacy regulations and implement security measures to safeguard sensitive data used in AI applications.
- **Collaboration:** Collaborate with cross-functional teams, including data scientists, developers, and domain experts, to understand requirements, provide insights, and deliver AI-driven solutions.
- **Documentation:** Create clear and concise documentation of AI models, methodologies, and implementation details for knowledge sharing and future reference.
- **Continuous Learning:** Proactively engage in professional development activities, attend conferences, workshops, and webinars to enhance expertise in AI and related technologies.

## **Requirements**

- Bachelors or Master's degree in Computer Science, Engineering, or a related field. PhD is a plus.
- Solid understanding of machine learning algorithms, statistical methods, and deep learning frameworks.
- Proficiency in programming languages such as Python, Java, or C++.
- Experience with data pre-processing, feature engineering, and working with large datasets.
- Knowledge of cloud computing platforms and services (e.g., AWS, Azure, GCP) for scalable AI deployment.
- Familiarity with natural language processing (NLP), computer vision, and reinforcement learning is advantageous.
- Strong analytical and problem-solving skills with the ability to think creatively and critically.
- Excellent communication skills to collaborate effectively with team members and stakeholders.
- Knowledge of software development practices, version control, and CI/CD pipelines is a plus.
- Prior experience in AI model deployment, containerization, and micro services architecture is beneficial.

**Interested candidates are invited to send their resume to: [hr@maxsys.com.my](mailto:hr@maxsys.com.my)**