Ong Wee Chong, Alex

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DevOps | AI/ML Ops | Cloud Engineer | Kubernetes | CI/CD | MLOps

WORK EXPERIENCE

AI Singapore   Singapore
AI Apprentice   Jan 2024 – Oct 2024

- Designed, trained, and deployed Transformer-based time-series forecasting models in production using MLflow, Kubernetes.
- Designed and automated AI model deployments using Docker, Kubernetes, and CI/CD pipelines (GitHub Actions, ArgoCD) across cloud environments.
- Deployed and optimized Transformer-Based models (TFT) in production environments using MLOps best practices, including model tracking (MLflow) and cloud-based orchestration (Airflow, AWS SageMaker).

Weike Gaming   Singapore
IT Executive/ Internal IT Auditor   Jan 2022 - Jan 2024

- Part of management team making key strategic tech decision on upgrading system hardware and software.
- Led initiatives to modernize IT infrastructure, enhancing the efficiency and reliability of gaming systems.
- Led company to implement policies and controls for compliance and achieve ISO 27001:2022
- Implement robust security protocols to protect sensitive gaming data and maintain regulatory compliance.

Pioneer infotech   Singapore
IT Security Engineer   Jan 2020 – Dec 2021

- Developed and maintained incident response plans, collaborating with cross-functional teams to contain and resolve potential breaches swiftly
- Monitored and maintained secure configurations of systems to comply with industry security standards, ensuring minimal disruption to business operations.
- Ensured network and endpoint security by conducting regular system audits, identifying and addressing vulnerabilities, and implementing security patches.
- Conducted threat analysis and vulnerability assessments to proactively address system weaknesses, reducing potential attack surfaces.

Simulation Software & Technology (S2T.ai)   Singapore
Software Test Engineer   Jun 2015 – Dec 2019

- Ensure software quality by designing and executing tests to identify bugs and verify functionality.
- Collaborated with development teams to troubleshoot and resolve issues, enhancing overall product quality.

Certification

AI Professionals Association   Singapore
[Associate AI Engineer](#) 12 March 2024 – Present

Tuv Sud PSB Singapore
ISO27001:2022 ISMS Lead Auditor Course date: 21 October 2024 – 25 October 2024
                              Certificate: 4 November 2024 – 4 November 2029

EDUCATION

Singapore University of Social Science
Bsc in Information and Communication Technology

Singapore Polytechnic
Diploma in Computer Engineering

Projects Portfolio Showcase

RAG Chatbot for HDB BTO Queries   **Live Demo:** https://hdbdemo.chat

- Chatbot that search HDB BTO policies using LangChain and OpenAI`s API.
- Containerized with Docker and deployed on AWS EC2
- Automated build and deployment with Jenkin CI/CD pipeline