

Ong Wee Chong, Alex

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WORK EXPERIENCE

AI Singapore **Singapore**
AI Apprentice *Jan 2024 – Oct 2024*

- Designed and deployed an end-to-end Time-Series forecasting model to predict hypotensive episodes during spinal anesthesia, leveraging advanced transformer-based models for optimal results.
- Demonstrated expertise in Salesforce and cloud-native tools (Docker, Kubernetes) to achieve seamless deployment and scaling of AI solutions.
- Developed a Retrieval-Augmented Generation (RAG) chatbot integrating OpenAI's API to provide accurate insights about Singapore Traffic laws, showcasing skills in AI/ML solution design.
- Conducted cross-functional collaboration to align AI capabilities with diverse stakeholder objectives, enhancing project outcomes.

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

- Spearheaded initiatives to modernize IT infrastructure, driving efficiency and reliability of critical gaming systems.
- Collaborated with management to define and execute strategic technology roadmaps, aligning with business objectives and customer needs.
- Achieved ISO 27001:2022 certification by implementing robust security protocols and compliance measures, highlighting expertise in industry standards and trust-by-design principles.
- Designed scalable, secure systems architecture with integration capabilities for third-party applications, ensuring optimal performance.

Pioneer infotech **Singapore**
IT Security Engineer *Jan 2020 – Dec 2021*

- Designed and implemented system architecture and high-performance solutions to address complex security challenges.
- Proactively conducted threat analysis and vulnerability assessments to ensure robust protection against emerging cyber threats.
- Maintained and optimized data analytics pipelines to monitor and enhance organizational security practices.

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

- Collaborated with development teams to troubleshoot, design, and execute test plans, ensuring enterprise-scale system integrity.
- Provided detailed analytics and reporting to stakeholders, ensuring solutions aligned with business objectives and requirements.

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

SKILLS & INTERESTS

Skills: Python (Keras, Tensorflow, Pytorch, Scikit-learn) | Git | Docker | Kubernetes | Kedro | Darts | Spark | R programming | MLFlow | Run.ai