Ian Loe

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Experienced CIO / CTO / CISO

Career Highlights

Demonstrated senior leadership experience:

- Served as CIO, CTO and CISO for large conglomerates.
- Lead the digital transformation for retail and manufacturing industry.
- Created and deployed many "First-of-a-Kind" solutions for digital transformation.
- Turn IT from a cost centre to a revenue centre.
- Sit on the customer advisory board for numerous technology firms.

Possess strong technical knowledge and leadership:

- Authored security reference architecture for microservices and serverless design.
- Developed Intellectual Capital (patents) on SOA Governance for IBM to be used by worldwide practitioners. (USPTO #8244548)
- Introduced formal architecture practices and processes to a Fortune 500 company.
- Introduced and laid groundwork for implementation of Service Oriented Architecture on both distributed systems and mainframe platforms.

Rich experience with large transformational and complex projects:

- Worked on large scale e-Commerce platform for multiple international market with complex rules computation.
- Implemented end-to-end DevSecOps framework and processes for continuous integration delivery of applications.

Strong academic & training background to drive talent development:

- Developed talent pipeline programmes for organisations to mitigate against talent shortage in the market.
- Introduced and implemented design discipline and skills such as "Architectural Thinking" and "System Thinking" to corporate software development practices.
- Active Adjunct Senior Fellow at the Singapore University of Technology and Design.
- Create content and teach an online class on Cybrary.

Professional Experience

Ian has more than 27 years of experience in the IT industry with wide industry experience spanning public sector to financial services. He has deep knowledge in senior management roles having served as a CISO, CTO and CIO for various organisations.

Today Ian is the CIO in a large conglomerate and responsible for the management of cybersecurity, infrastructure, architecture & data engineering for the group. Ian has introduced many modern approaches to technology management including implementing Hyper Converged Infrastructure (HCI), DevSecOps, FinOps, SRE, Risk Based Management, and the use of Breach & Attack Simulation (BAS) platforms. This forward-looking mindset has enabled the organisations to improve their IT ROIs and help the business to be more agile in meeting market demands.

With 13 years of experience with a technology vendor and 13 years in an end-user environment, Ian is well placed to have a balanced view on technology acquisition strategies for organisations. With his background in running technology outsourcing, he has the unique experience to turn corporate IT from a cost centre to a revenue centre.

Besides the strategic roles he had played, Ian has held other senior appointments such as Director, Government Cybersecurity Operations and was responsible for managing cybersecurity operations for the whole of government in Singapore, which includes the monitoring of and response to cybersecurity incidents. With hands on experience in running operations at scale, Ian can truly appreciate strategic impact of policies and strategies on daily business operations.

Ian's forte lies in understanding the requirement across different geographical customers and helping to develop solutions that will meet their needs. He is also considered a leader in architecture practice and is an authority on governance methods and management. He has authored corporate information systems standards and methodologies and has conducted many classes in emerging technologies. As someone who is passionate about technology, Ian is constantly upgrading his knowledge and skills and enabling the next generation of technologist in areas such as quantum computing, and advanced cybersecurity topics. Beyond technology, Ian is also a trainer in system thinking to help teams understand the "bigger picture" in systems and policy design.

Ian has worked around the world and has led projects in multiple countries, bringing with him a wealth of experience in international systems and a variety of industries ranging from property management and gold mining to human resources and insurance. As a senior principal at one of the top IT consulting companies in the U.S., he was responsible for the consolidation of multiple systems and has reinvented internal processes to help clients effectively harness emerging technologies. Working with firms of varying sizes has given him the ability to understand the unique business needs companies, from dot-com start-ups to Fortune 500 companies.