Top Skills

Cybersecurity

vibe coding

Artificial Intelligence (AI)

Languages

Malay

Japanese

Chinese

English

Certifications

Data Science Foundations:
Fundamentals

IT Security Foundations: Core
Concepts

Project Management Simplified

Electronics Foundations:
Fundamentals

Color for Design and Art

Tze Jin Shee

Director, Machine Learning

Selangor, Malaysia

Summary

Technology leader with 10+ years of experience in machine learning, cloud, and IT security, working with brands like Apple, Google, Dell, Digi, AirAsia, and MCMC. Skilled in ecosystem development, product design, and technology integration, with a focus on scaling AI for enterprise and SME markets.

Publisher of Daily AI Trivia, a daily newsletter on global AI developments, and a frequent media commentator on AI's business and societal impact. Active member of KAIN, supporting regional AI adoption and strategy.

Experience

Entermind AI
Director of Machine Learning
September 2025 - Present (5 months)

Technology leader with 10+ years of experience in machine learning, cloud, and IT security, working with brands like Apple, Google, Dell, Digi, AirAsia, and MCMC. Skilled in ecosystem development, product design, and technology integration, with a focus on scaling AI for enterprise and SME markets.

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Taylor's Education Group
Artificial Intelligence & Machine Learning Specialist
November 2022 - Present (3 years 3 months)

Artificial Intelligence & Machine Learning Specialist at Taylor's University, driving applied AI, digital transformation, and hands-on innovation in education and research. I lead initiatives that connect AI, cloud, and IoT solutions with real-world applications, bridging the gap between academia and industry.

I also run the university's makerspace, where I design and prototype hardware and IoT solutions, enabling students and partners to experiment with emerging technologies. With over a decade of experience working with global companies and government agencies in AI, cloud, and IT security, I bring both technical depth and industry perspective to my role.

WeMaker.space
Retro Tech Collector and Founder
2012 - Present (14 years)

I am the founder of a makerspace and DIY innovation lab, where I design and build interactive art installations and hands-on solutions for clients including Netflix, Amusepark, and independent artists.

I also collaborate with connectivity and tech companies to prototype cutting-edge solutions, exploring applications of 5G, LoRa, and other emerging technologies. Beyond projects, I played a key role in shaping Malaysia's early 3D printing and maker movement, helping communities experiment, create, and bring ideas to life.

My work bridges creativity, technology, and prototyping, turning concepts into tangible experiences while pushing the boundaries of innovation.

Mereka
Electronic Manager
January 2020 - October 2022 (2 years 10 months)

I am the Electronic Manager at Me.reka Makerspace, leading electronic design and hardware innovation. I design, build, and prototype IoT systems and hardware solutions, managing both creative and technical workflows to empower makers, designers, and engineers.

I also steer the makerspace's effort in rapid prototyping and community collaboration — from face shields during COVID-19 to educational hardware projects. With a strong background in electronics, embedded systems, and hardware-software integration, I bridge real-world product development with open design philosophy.

My work is driven by hands-on experimentation, mentorship, and pushing boundaries of what makers can build.

Garuda Robotics

Senior Product Delivery Engineer
2019 - 2020 (1 year)

I support the delivery of Beyond Visual Line of Sight (BVLOS) drone projects, focusing on safe and scalable operations. I also work with 4G and 5G communication modules to ensure reliable connectivity for autonomous drone systems.

My work combines hardware, software, and telecom expertise to help bring advanced drone solutions from design to deployment.

Digi Telecommunications
Innovation Manager
2016 - 2018 (2 years)

I managed Digi MakerLab, the company's in-house innovation hub dedicated to testing and building next-generation telco solutions. My work centered on rapid prototyping and applied technology development, exploring how IoT, AI, cloud, and digital platforms could shape the future of telecommunications.

Key contributions:

Prototyped and validated IoT and AI-driven services to expand Digi's digital ecosystem.
Built and tested hardware–software solutions for smart connectivity and telco infrastructure.
Drove pilot projects with startups and technology partners, accelerating time-to-market for emerging solutions.
Introduced new tools, frameworks, and methodologies for evaluating the technical and commercial viability of innovation projects.

This role combined hands-on R&D with strategic foresight, positioning Digi to explore disruptive technologies while maintaining a strong focus on scalability and market impact.

Apple
Supply Chain Planner - Reverse Logistic
2012 - 2015 (3 years)

I managed Supply Chain & Reverse Logistics Operations, overseeing raw material flow and production schedules across factories in the US, Malaysia, and China. My role included working with logistics partners and customs authorities on import/export compliance, ensuring smooth product rollouts

through strong vendor–manufacturer relationships, and conducting site visits to monitor warehousing conditions for both raw materials and finished goods.

Alongside operational efficiency, I specialized in bioplastic design and manufacturing, collaborating with the plastics industry to develop sustainable materials and adapt production processes. This involved refining mould designs, establishing QC and manufacturing standards, and integrating eco-friendly materials into Apple's supply chain strategy.

My focus combined supply chain optimization with sustainable material innovation, streamlining logistics while advancing Apple's commitment to environmental responsibility and product excellence.

Ecospan
Delivery Manager
August 2011 - 2012 (1 year)

In my role managing Manufacturing & Production Operations, I collaborate with customers to turn product requirements into scalable, real-world solutions. A core part of my work has been pioneering bioplastic design and manufacturing, partnering with the plastics industry to adapt processes, refine mould designs, and create viable alternatives to conventional plastics.

I've also established quality control and manufacturing standards to meet customer audits and process requirements, ensuring consistency and reliability in production. Beyond standards, I work hands-on with manufacturers to innovate production techniques for specialty materials, balancing sustainability, performance, and efficiency.

My focus is on bridging advanced material science with practical manufacturing innovation, helping industries explore new frontiers in sustainable product development.

Dell
Sr. Security Advisor
March 2011 - August 2011 (6 months)
Cyberjaya

- Vulnerability Management
- Incident Response Team

CNAV Business Value Pte Ltd

Senior IT Security Consultant
July 2010 - March 2011 (9 months)

• IT Security Consultant

o Work as the technical consultant in assisting Symantec Consulting Service to provide tailor to need service to Symantec Customer in design/implementation/ training/consulting on Symantec Security Solution.

o Work closely with Symantec Developer team to re-mediate newly discover product bug and provide workaround for customer.

GlaxoSmithKline
Security Analyst
October 2009 - January 2011 (1 year 4 months)

Vulnerability Management

Security Operation

Dell
Security Analyst II
August 2006 - February 2010 (3 years 7 months)

- Vulnerability Management

- Incident Response Team

Education

Multimedia University
IT, Data Communication · (2002 - 2006)