

# Law Geok Ling

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## SKILLS

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**Frontend:** React • React Native • Kotlin • Tailwind CSS • HTML5 • Streamlit

**Backend:** Node.js • Express.js • Java • Java EE • Python • Go • TypeScript • JavaScript • Solidity • Firebase

**Others:** Git • Git Workflow • SQL • PostgreSQL • Docker • Ether.js • Hardhat • Jenkins • Bash • Web Scraping

## EDUCATION

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**National University of Singapore (NUS)**

Aug 2022 – June 2026

*Bachelor of Computing in Information Systems*

- Object-Oriented Programming, Enterprise Systems Server-side Design / Development / Architecture, Data Management and Visualisation, Computer Networks, Computer Organisation, Data Engineering, Operating Systems, Blockchain and Distributed Ledger Technologies

## INTERN EXPERIENCE

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**Incoming Software Engineer Intern - Stripe**

May 2025 – Aug 2025

**Software Engineer Intern - Autodesk**

Jan 2024 – June 2024

- Spearheaded the automation and optimization of complex data pipelines using Apache Airflow and Spark, processing thousands of entries and boosting data processing speed and efficiency for multiple projects by over 40%.
- Developed a robust data instrumentation strategy using Go and OpenTelemetry to enhance data quality and consistency, which became a standard in licensing dialogue analytics.
- Improved code quality and reduced development downtime by integrating pre-commit hooks and cross-platform Bash scripts for environment setup to enhance workflow efficiency
- Achieved Best use of AI/ML award for APAC Licensing Hackathon for 'Licensing Digest' innovation.

**Software Developer Intern - Home Team Science and Technology Agency (HTX)**

May 2023 – July 2023

- Enhanced the robustness of the web scraping system using Selenium and BeautifulSoup, ensuring reliable and consistent data extraction from social media platforms for news monitoring and sentiment analysis.
- Deployed intuitive navigation features; converted raw data into visually engaging insights with Matplotlib delivered through a Telegram bot for real-time monitoring and analysis.

## PROJECT EXPERIENCE

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**LiftLogic - React (Vite), React Native, PostgreSQL, Stripe API, Docker, NodeJS**

Feb 2025 - Apr 2025

- LiftLogic is gym management platform with tailored interfaces for admins, coaches, and members, integrating operations, AI analytics, and social features to boost retention and streamline multi-branch gym workflows.
- Developed core features across mobile and web platforms, including attendance tracking, live crowd monitoring, event management, rewards system, social feed, and friend interactions.

**WillChain - Solidity, EtherJS, Firebase, Hardhat**

March 2025

- WillChain is a Solidity smart contract system for blockchain-based will execution, enabling secure asset allocation, Ether pre-funding, and automated distribution upon verified death.
- Implemented granular permission control, integrated asset registry logic with ERC-721 tokenization, and enabled real-time, event-driven contract updates via Ether.js.

**Quizmodoro (NUS HacknRoll) - Kotlin, XML, Gemini AI**

Jan 2024

- Quizmodoro is an Android app merging Pomodoro technique with AI-powered quizzing, boosting learning efficiency by locking the phone for an hour upon quiz failure to encourage studying
- Developed frontend features and innovated a unique functionality of phone locking after quiz failure, directly enhancing user experience and study efficacy.

