



Liow Shan Yi

✉ shanyiliow1107@gmail.com

☎ +60189184023

🌐 <https://www.linkedin.com/in/syliow>

🔄 <https://github.com/syliow>

🔗 <https://liowshanyi.site/>

📍 Malaysia

SKILLS

Frontend: React, TypeScript, JavaScript, TailwindCSS | **Backend:** Node.js, PostgreSQL, MongoDB, Go |
DevOps: AWS, Kubernetes, Docker, GitHub Actions | **Languages:** English, Chinese, Malay

WORK EXPERIENCE

Full Stack Developer, Tatsu Works

Aug 2022 – Mar 2025

- Collaborated with cross-functional teams to develop a Discord game bot frontend using **TypeScript**, designing interactive UI for dynamic RPG gameplay systems.
- Developed full-stack features for a Telegram game using **Next.js** and **TypeScript**, implementing tap-based gameplay for 30,000+ players.
- Redesigned website using **React** and **TailwindCSS**, boosted monthly traffic by 20% and acquired 8,000+ newsletter subscribers within a month.
- Engineered frontend development of a Discord community bot with **TypeScript**, achieving adoption across 300,000 Discord servers.
- Executed deployment on AWS using CI/CD pipelines with Kubernetes and Docker, ensuring minimal downtime.
- Technologies: TypeScript, React, Next.js, Node.js, Go

Full Stack Developer, DM Dasher

Oct 2021 – May 2022

- Developed an e-commerce operations dashboard using **React** and **Node.js**, supporting 70 employees with 3,000+ daily orders and \$1 million annual revenue.
- Integrated data visualization for the dashboard with **JavaScript**, enabling monthly sales reports with analytics.
- Optimized RESTful APIs to reduce order processing time and improve efficiency for order management.
- Collaborated with marketing on A/B testing for Shopify website, improved checkout flow and increased monthly sales by 20%.
- Technologies: React, JavaScript, Next.js, Node.js, Express.js, MongoDB

Software Engineer Internship, Code for Asia

Apr 2021 – Aug 2021

- Developed an online event platform for virtual hackathons with **React** and **Node.js**, supporting 500+ participants with 90% positive feedback.
- Implemented real-time analytics using **JavaScript**, enabling organizers to monitor metrics and increase participant engagement.
- Created technical documentation for APIs, reducing developer onboarding time with clear documentation.
- Enhanced team collaboration with **Agile** methodologies, conducting code reviews to improve codebase quality.
- Technologies: React, JavaScript, Node.js, Express.js, MongoDB

PERSONAL PROJECTS

Crypto Price Tracking Website

2022

- Built a full-stack crypto price tracker with **React** and **Node.js**, integrating real-time data and charts for 100+ cryptocurrencies.
- Implemented user authentication and personalized watchlists for enhanced user experience.
- [View Project Here](#) 🔗

NFT Minting Website

2022

- Created a smart contract with Solidity to mint digital collectibles on the blockchain.
- Developed an NFT minting platform with **React** and **Ethers.js**, integrating Web3 wallet for seamless transactions.
- [View Project Here](#) 🔗

EDUCATION

Bachelor of Computer Science, Taylor's University
CGPA: 3.7

Mar 2019 – Aug 2021

Diploma in Information Technology, College MDIS
CGPA: 3.5

Apr 2016 – Nov 2018