# Lim Say Juan

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## Summary Statement

Please call me "**Mr. Full Stack**" OR "**Mr. Blockchain**". I am a hardworking and detail oriented full-stack web architect with 9 years of experience. I am as comfortable working with both startups and enterprise solutions and focus on directed growth, technical solutions to reduce bottlenecks and creative strategy.

## Work Experience

### SENIOR FULL-STACK ENGINEER AT EATCLUB

Victoria, Australia (September 2021 – December 2022) https://eatclub.com.au/

- Helped organize and develop flexible access patterns for complex data sets to map to **GraphQL**.
- Developed a lifestyle and calorie counting application using native iOS programming.
- Integrated with **Salesforce** via **API** for clients to maintain data consistency with their internal teams.
- Created a **Node.js** parallel processing add-on to analyze statistical data from chats for further **AI** input data. Developed binary protocols for data processing and transportation.
- Developed and implemented a strategy for migrating the **front-end** codebase to **React** additively.
- Developed a unique contact book using **native iOS programming** with effective **synchronization** over multiple platforms.

### BLOCKCHAIN ENGINEER AT RUBIX

Victoria, Australia (October 2019 — July 2021) https://rubix.com.au/

- Worked on the block difficulty adjustment **algorithm** for the **blockchain** in **Golang**.
- Optimized application in **Golang** for thread contention. Optimized incoming channel distribution with a specific algorithm and maintained data integrity across the application.
- Fixed data corruption by fixing thread safety issues and optimized runtime operations around signature generation.
- Refactored the core blockchain to allow **higher transactions** per second.

### MOBILE APP DEVELOPER AT SOCASH

Singapore, Singapore (May 2018 — September 2019) https://www.socash.io/

- Refactored around **80%** of the code and set up coding standards while migrating the project to **Android Studio** and **Gradle**.
- Developed new and added to the existing features, mainly in-app purchases, **tablet redesign, drag-n-drop support**, and more app specifics using **Flutter**.
- Made the **crash rate lower** than in the **iOS** version, first in the application's history.
- Created the **back-end**'s structure and underlying **API** calls using a **Firebase** database and **Firebase** Functions.

### SENIOR FRONTEND ENGINEER AT GLADLY

Singapore, Singapore (June 2017 – April 2018) https://www.gladly.com/

- Maintained code for the insurance solution using **Node**, **React**, and **MongoDB**.
- Delivered **100% bug-free** solutions for a **REST API** module that consumes data from internal and external web services and produces information in **JSON** format aimed at our **React** web app.
- Helped the **QA** team finish their testing plan for some of the released versions of the system.
- Converted the starting Node/React project into a production-ready solution using **Docker**, **Heroku**, and **AWS**.

**JUNIOR WEB DEVELOPER AT SHIOKMEATS**

Singapore, Singapore (November 2015 – May 2017) https://shiokmeats.com/

· Created an internal tool for randomly assigning seats to employees in the office on a weekly basis.

· Developed a runtime engine which compiles and runs coding custom tasks using **Node.js** and **Docker**.

· Built and maintained development, staging, and production infrastructure on **AWS**.

· Created a **Node.js** parallel processing add-on to analyze statistical data from chats for further **AI** input data. Developed binary protocols for data processing and transportation.

**SOFTWARE INTERN AT WILLOWMORE IOT**

Singapore, Singapore (October 2014 – October 2015) https://www.willowmore.com.sg/

· Developed features for the back-end in **Java** with **Servlet** functionality to increase target audience engagement by 14%.

· Took 6 months academic course about provided support for an **ERP** system, and their impacts on application concurrency.

· Made the **API** endpoints using **JSON** Schemas to model and validate the input and output.

## Education

**BACHELOR OF SCIENCE (B.S.)**

National University of Singapore

April 2010- May 2014

Computer and Information Faculty

## Skills & Abilities

· Go, Rust, Node.js, Django, Python, Laravel, Spring, GraphQL

· React, Angular, Vue, Next.js, Nuxt.js, Web3.js, Flutter, React Native

· HTML/CSS, Bootstrap, Tailwind CSS, MUI

· AWS, GCP, Firebase, Azure

· PostgreSQL, MongoDB, Elasticsearch, Redis

· Git

## Languages

English: Fluent Proficiency