

**Solving Problems**  
**Making An Impact**  
**One Line Of Code At A Time**  
Software Engineer With Over 10 Years Of Experience.



## Goh Khoon Hiang

Software Engineer

📍 Singapore

✉️ gohkhoonhiang@gmail.com

[Ruby](#) [Hanami](#) [Rails](#) [NodeJS](#) [VueJS](#) [HTML](#) [JS](#) [CSS](#)

[Systems design](#) [Business analysis](#) [Automated testing](#) [Processes design](#) [Documentation](#) [Project management](#)

[🐙 Github](#) [🌐 LinkedIn](#) [🐙 Mastodon](#) [🌐 Coffee Brew Apps](#)

*March 2023 - present*

### Coffee Brew Apps

#### Owner

During my sabbatical from full-time employment, I have worked on a personal passion project, **coffeebrewapps.com**.

This site is built using **Jekyll** and hosted on **Github Pages**, with the entire site layout and stylesheets built from the ground up. Along with the site, I also created various **Jekyll plugins** and made them open-source.

This site also hosts a number of apps I have built for my personal use, such as the **SG Bank Interests Compare App** and **SG SSB Tracker App**, which I've also opened up for the greater public to use if they have the same needs.

There is also an accompanying **blog** and a **short articles** page where I write on various topics about my journey as a software engineer.

This site is currently in active development.

[Jekyll \(Ruby\)](#) [NodeJS](#) [VueJS](#) [HTML](#) [CSS](#)  
[Systems design](#) [Technical implementation](#) [Automated testing](#) [Documentation](#)

**August 2016 - March 2023 (6 years 8 months)**

## **Ascenda Loyalty Pte. Ltd.**

### **Staff Software Engineer**

During my time in Ascenda, I have accomplished a few achievements:

- Design and implement the LoyaltyEngine's complex points calculation and campaigns management modules, serving large banks to **process millions of transactions daily**.
- Lead **two major project launches** on the E2E platform **on schedule**, receiving **positive feedback** from the clients.
- Setting up processes to facilitate **effective asynchronous communication and collaboration**, allowing various teams from multiple geographical locations to operate remotely.
- Leading a team of 4 engineers, providing guidance on project management and performing **design and code review**.

I have officially ended my service in Ascenda on 20 March 2023.

<a href="#">Hanami (Ruby)</a>	<a href="#">Ruby on Rails</a>	<a href="#">VueJS</a>	
<a href="#">Business analysis</a>	<a href="#">Systems design</a>	<a href="#">Technical implementation</a>	<a href="#">Automated testing</a>
<a href="#">Documentation</a>	<a href="#">Processes design</a>	<a href="#">Project management</a>	

**April 2015 - August 2016 (1 year 4 months)**

## **Teckwah Industrial Corporation Ltd.**

### **Senior Developer**

During my service in Teckwah, I was responsible for **new enhancements and bug fixing** for the company's **warehouse management systems**. Specifically, I have helped implement a new shopping cart module for the system, and developed a framework for an administration module for the company's **vLocate web application**.

On the side, I have also helped implement a **workflow system** that allows the various departments in the company to create requests that flow through the departments, replacing their existing paper-based workflow. As part of this project, I have created **custom plugins** for the base workflow system, Joget Workflow.

I have officially ended my service in Teckwah on 4th August 2016.

<a href="#">Java Spring</a>	<a href="#">Ninja (Java)</a>	<a href="#">ExtJS</a>	<a href="#">AngularJS</a>	<a href="#">Joget Workflow</a>
<a href="#">Business analysis</a>	<a href="#">Technical implementation</a>	<a href="#">Documentation</a>		

*July 2012 - April 2015 (2 years 10 months)*

## **Ecquaria Technologies Pte. Ltd.**

### **Software Engineer**

During my time with Ecquaria, I've been working on the **State Court's Integrated Criminal Case Filing and Management System (ICMS)**, which transforms the heavily paper-based criminal justice system to one that is **automated and streamlined**.

My job scope involved both managerial and technical roles. As the **project lead**, I was responsible for overseeing the system development, testing and production support. On the technical side, I played the **business analyst** role, gathered requirements, wrote specification documentations and created prototypes.

Aside from working on the project, I was also **mentor** to five interns, providing guidance to them as they performed various tasks assigned to them.

I have officially ended my service in Ecquaria Technologies on 2nd April 2015.

[HTML](#)

[JS](#)

[CSS](#)

[Business analysis](#)

[Documentation](#)

[Project management](#)