

# Cheah Jer Fei

Selangor, Malaysia • +60102314374 • <https://github.com/jeffhappily> •  
goodboy96@live.com.my • 21 February 2023

## Experience

---

### ETukTuk

Haskell & Plutus Consultant

**Remote**

*Sept 2022 - Current*

- Plan, design and develop the smart contract of a payment system on Cardano using Haskell and Plutus (Plutarch).
- Introduced transaction chaining into the code base to increase the throughput of the transaction submission.

### MLabs

Haskell & Plutus Consultant

**Remote**

*June 2021 - July 2022*

- Worked on a collateral-backed stablecoin project on Cardano using Haskell and Plutus (Plutarch).
- Involved in the effort of writing specifications for the aforementioned project.

### SEEK Asia

Software Engineer

**Kuala Lumpur, Malaysia**

*Jul 2020 - Apr 2021*

- Proposed ways to improve code quality and helped implementing them, e.g., introducing Prettier & ESLint rules, replacing "any" type with concrete type, adding global error catching mechanism.

### FP Complete

System Administrator

**Remote**

*Oct 2019 - Mar 2020*

- Contributed to several open source Haskell projects including `stack`, `stackage`, `cache-s3`
- Setting up a static site to host the internal documentation via Kubernetes

### Grab

Software Engineer, Full Stack

**Selangor, Malaysia**

*Nov 2018 - Sep 2019*

- Worked on several safety and fraud related features like Share My Ride and Trip Monitoring

### Revenue Monster

Associate Full Stack Developer

**Kuala Lumpur, Malaysia**

*Mar 2018 - Oct 2018*

- Built a dashboard UI using React for our partner to view and download transactions report.
- Built a movie purchasing platform UI using React.

### Teleme

Ruby on Rails developer

**Kuala Lumpur, Malaysia**

*Nov 2016 - Feb 2018*

- Built a real time chat system using WebSocket.
- Built a B2B system that includes credit payment and a monitoring dashboard.

## Project

---

### WYAH

Several language implementations to learn more about programming languages and types.

- It includes an untyped lambda calculus, a language with simple type using small-step semantics, and a simply typed lambda calculus.

## Skills

---

### Programming Languages

Haskell, TypeScript, JavaScript, PureScript, Ruby, Kotlin, Python, Golang

### Web

HTML, CSS, JavaScript, React, MySQL, PostgreSQL, Redis, NodeJS

### DevOps

CI, Docker, Terraform, AWS services like EC2, S3 etc