

# AAREN GIBSON

 Malaysian

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 Bukit Jalil, Malaysia

 AarenGibson1@gmail.com

 +60 16 338 7549

 [aarengibson.me](http://aarengibson.me)

 [linkedin.com/in/aaren-gibson](https://linkedin.com/in/aaren-gibson)


## LANGUAGES

 English


 Malay

## SKILLS

 PHP


 HTML

 CSS

 NodeJS


 JavaScript

 Java

 Golang

 C#

 C++

 MySQL

 PostgreSQL

 Git

 Google Cloud

 AWS

## EMPLOYMENT

### Microlink Solutions • 2023-Today

Front and back end programming in the FCS department, working on banking software for Bank Negara Malaysia. Worked on the following projects:

## PROJECTS

### FAST Replatform on Cloud • Microlink, 2025

Worked on a project to migrate the Fully Automated System for Tendering and Issuance (FAST) to AWS:

- Updated source code from Java 8 to Java 23.
- Changed server from IBM WebSphere to JBoss EAP.
- Migrated database from IBM DB2 to PostgreSQL.
- Added Redis using AWS ElastiCache for session management.
- Added SAML Single-Sign-On functionality using Auth0/Falaina.
- Helped integrate Email OTP login using AWS SES.

### Debt, Securities, Issuance Prototype • Microlink, 2024

- Developed a prototype web application called DSI.
- Used Spring, MySQL and Bootstrap.
- Created backend REST API, frontend UI and graphing functions.

### FAST CSP Enhancement • Microlink, 2024

Worked on a project to make the Fully Automated System for Tendering and Issuance (FAST) system CSP-compliant.

- Changed front and back end code.
- Apache configuration.
- UI upgrades.

## EDUCATION

### Asia Pacific University • 2020 - 2022

Completed the following courses:

- BSc in Computer Science
- Diploma in ICT with Data Informatics

### Final Year Project

- Researched application of Machine Learning in games.
- Created racing game that uses AI/ML to control NPC vehicles.
- Used Unity, C#.

### Software Development Project

- Created a fully functional job search web application.
- Used PHP, JS & MySQL.

## ON MY OWN TIME

### Web Development

- Freelance web development.
- NodeJS Minecraft Launcher project.
- Personal websites.

### Graphic design

- Freelance graphic designs for apparel.
- Creating UIs & icons for websites.