



# ADAM BIN ARBAIN



[Adam Arbain](#)



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I am a third-year Software Engineering major at Universiti Malaya, passionate about software development. I am currently seeking a **career opportunity** in the **Software Engineering domain** to apply my skills and gain hands-on experience while continuing to broaden my knowledge in the IT industry.

## EDUCATION

University of Malaya | Kuala Lumpur

2022-Present

Bachelor of Computer Science (Software Engineering)

CGPA : 3.49

Centre for Foundation Studies in Science, University of Malaya | Kuala Lumpur

2021-2022

Foundation of Physical Sciences

CGPA : 3.66 (Muet: Band 4)

## LANGUAGES AND SKILLS

**Languages:** Malay (Native Proficiency), English (Professional Proficiency)

**Programming Languages:** Java, HTML/CSS/JS, Python, Assembly, C#, XML

**Software and Frameworks:** Visual Studio Code, Node.js, React.js, MongoDB, Android Studio, SQL, Oracle, Packet Tracer, Docker, Prisma ORM, Vue.js, RESTful API, PostgreSQL, DBeaver, AWS S3 Bucket, Render, Vercel

**Skills:** CCNAV7 NetaCAD Certified (Cisco), Experienced in Software Modelling & SRS

## EXPERIENCE

Intern Forthify Technologies

March 2025 – Present

Intern Full-Stack Web Developer in A Serious AI Sdn Bhd

July 2024 – December 2024

- Developing an **Enterprise Resource Planning (ERP)** project named **SuDUAI** using **Vue.js, TypeScript, Node.js, Express, Prisma ORM and PostgreSQL**.
- Collaborated in **agile Development** environment, participating in **sprint planning, retrospectives**, and daily **stand-ups** to ensure timely delivery of tasks.

## PROJECTS

**Yuran Pakatan (Individual Project)**

- Developed a digital payment and membership management system using **Vue.js, Node.js, Express, MySQL**, and **PrimeVue** for seamless fee collection.
- Implemented **role-based authentication** to differentiate admin and user access, ensuring secure and restricted functionalities.
- Designed and optimized a **responsive dashboard** for **real-time tracking of user payments** and **membership statuses**.

**SuduAI ERP Solutions (Company Project)**

- Contributed to the development of an **Enterprise Resource Planning (ERP)** system named **SuDUAI**, leveraging **Vue.js, TypeScript, Node.js, Express, Prisma ORM**, and **PostgreSQL** to build a robust and scalable platform.
- Implemented **AWS S3 bucket** services for file storage and retrieval across multiple modules, enhancing data management efficiency.
- Worked on **integrating third-party SQL systems (SQL Financial Accounting)** to ensure seamless data synchronization and optimized system performance.

**StitchMart Web Application (University Project)**

- Developing a community app that focuses on embroidery businesses, offering a range of features to streamline operations and enhance customer engagement using **HTML, CSS, JS, NodeJS, ReactJS**.
- This project was submitted as my final group assignment for the Web Programming Class in July 2024.

**BeaconSafe Mobile Application (University Project)**

- An application that provides comprehensive support and resources for child abuse victims while actively working to prevent child abuse using Android Studio involving coding in **Java and XML**.
- This project was being submitted as my final group assignment for Mobile Application Development class.

### **Virtual Development of JOJOLANDS (University Project)**

- Collaborated in a team to design and implement "**JOJOLands**," a complex virtual environment modeled as a sub-tropical island using advanced data structures.
- Used **Java, HashMaps, ArrayLists, LinkedLists, Graphs (Adjacency Lists), JSON** for data handling and storage.

## **EXTRACURRICULARS**

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### **Programming League National 2024**

Logistic Committee, competition

### **UM to UI (Universitas Indonesia) Short Course on Sustainable IT 2024**

Short Term Outbound Mobility Program

### **FCSIT Dean's Cup 2023**

Contest Protocol Committee, competition.

## **ACHIEVEMENTS**

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### **Shortlisted IPT Category**

Rapid Bus X UTM Data Hackathon 2023

## **REFERENCE**

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### **Wan Muhammad Aqil bin Wan Harun**

Senior IT Business Analyst

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[whbaqil@gmail.com](mailto:whbaqil@gmail.com)

Wan Muhammad Aqil was my former Business Analyst in A Serious AI Sdn Bhd from July 2024 to December 2024