SOFTWARE ENGINEER

PHARVEISH A/L SELVAM

PERSONAL PROFILE

A goal-oriented software engineering student from Universiti Teknologi Malaysia (UTM) seeking to secure an internship position in your company.

PROGRAMMING LANGUAGES

- C#
- Java
- TypeScript
- Dart
- HTML
- CSS
- JavaScript
- SQL
- Bash

GET IN CONTACT

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EDUCATION

UNIVERSITI TEKNOLOGI MALAYSIA (UTM)
Bachelor of Computer Science (Software Engineering)
- 2018 – Present
- Current CGPA: 3.87

KOLEJ MATRIKULASI JOHOR
MALAYSIAN MATRICULATION (SCIENCE)
- 2017 – 2018
- CGPA: 3.84

HIGH SCHOOL BATU PAHAT
SIJIL PELAJARAN MALAYSIA (SPM)
- 2012 – 2016
- SPM: 8A+ 3A

WORK EXPERIENCE AND PAST PROJECTS

REFERRALAPP – MOBIILE APPLICATION FOR PHYSICIANS TO MANAGE THEIR REFERRALS (ONGOING PART TIME PROJECT)
- This project is given by Effron Sdb Bhd.
- Employed as a part time software engineer to work on this project.
- Mobile application is built with Flutter.
- .NET 6 is used as the back end service together with SQL Server as the relational database.
- This project is given on a contract basis.

GPSYSTEM – CLINIC MANAGEMENT SYSTEM FOR DOCTORS TO MANAGE PATIENTS (INTERNSHIP)
- This project is given during internship at Effron Sdn Bhd.
- A full stack system which comprises of a web application and a mobile application as the front end client.
- Web application is for doctors or clinic staff to manage patients and clinical procedure.
- Mobile application is for patients to book and view appointments.
- .NET 5 is used as the back end service together with SQL Server as the relational database.
- Used Vue JS with TypeScript language as frontend framework for the development of the web application.
- Used Flutter to build the mobile application.
- Clean architecture is applied in this project.

PERKS

- Can easily adapt to new working environments
- Can work for long hours
- Team worker
- Detail oriented
- Can easily adapt to new tools and frameworks
- Always eager to learn

EMPLOYMENT HISTORY

- Part time software engineer at Effron Sdn Bhd
- Software engineering intern at Effron Sdn Bhd
- Salesman at Charlie Sdn Bhd
- Salesman at Mr. D.I.Y

LANGUAGE

- English (spoken and written)
- Bahasa Malaysia (spoken and written)

REFERENCES

ASSOCIATE PROFESSOR DR ROSELINA BINTI SALLEH
Academic Advisor
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DR MOHD ADHAM BIN ISA
Final Year Project Supervisor
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NORA ZAINAB
General Manager at Effron Sdn Bhd
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GOBITES – FOOD DELIVERY APPLICATION

- Appointed as the backend/database engineer for the project. This project is developed for two platforms which are mobile for the customers and restaurant owners and the web for the admin.
- Fully responsible in using MySQL to handle the database of the system.
- Also in charge of using Express – NodeJS as the backend framework.
- Used Flutter as the mobile application framework to make API calls.

CAR RENTAL SYSTEM – WEB APPLICATION TO MANAGE AND RENT CARS

- A web based group project which focused on the application of MVC architecture.
- Used JavaServer Pages(JSP) to develop the webpages of the project.
- Java Servlets were used as the controllers.
- JDBC is used to retrieve data from the database.
- Database is managed with MySQL.
- This project allowed my team to understand the concept of Model View Controller(MVC) architecture.

TECHNICAL SKILLS

WEB APPLICATION DEVELOPMENT

- Skilled in prominent backend web frameworks such as C# .NET 5 and Express Node JS, JavaServer Pages.
- Experienced in Object Relational Mapper (ORM) technologies such as Microsoft's Entity Framework Core.
- Well-versed in relational database management systems such as MySQL, SQL Server.
- Proficient in performing SQL queries.
- Capable of frontend web design with HTML, CSS and JavaScript.
- Have experience in using Vue JS as a frontend web framework to build user interfaces for single-page applications.

MOBILE APPLICATION DEVELOPMENT

- Skilled with Flutter framework.
- Has experience with Firebase and Cloud Firestore.
- Experienced developing and deploying fullstack Flutter application.

OTHER SKILLS

- Well versed in UNIX terminal (bash) commands.
- Experienced in using GNU/Linux operating system as daily driver.
- Can use terminal based text editors such as Vim and Nano.
- Have experience in Platform as a Service(PaaS) and Infrastructure as a Service(IaaS) deployment.
- Dealt with Apache and Nginx web servers.
- Sufficient knowledge of data structure and algorithms.