ANGELIA YUNIARTI HASAN
Software Engineer Fresh Graduate

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PROFESSIONAL SUMMARY

A determined, open - minded and lifelong learner with a record of computer science skills, works well independently and in teams. Competent at performing and documenting software development process. Perform tasks with excellent thinking and reasoning skills.

EDUCATION

UNIVERSITI TEKNOLOGI MALAYSIA
BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINEERING)

2017 - 2021
Johor Bahru, MY

CGPA : 3.71
Honors : Dean's List Sem 1 17/18 (3.74), Dean's List Sem 2 18/19 (3.78), Dean's List Sem 1 19/20 (3.87), Dean's List Sem 1 20/21 (4.00), Dean's List Sem 2 20/21 (4.00)

SEKOLAH VICTORY PLUS
HIGH SCHOOL DIPLOMA

2014 - 2017
Kemang Pratama,ID

Activities : World Scholar's Cup 2017, Community and Service Project, School orchestra
Certifications : IB MYP Personal Project, Cambridge AS Level, Individual Research Project, Cambridge A Level, Indonesian National Examination

SKILLS

Industry Knowledge : Software Development Life Cycle (SDLC), Software Testing, Systems Analyst and Design, Front - End Development, Database Administration

Programming Language : Java, C++, JavaScript, HTML, CSS, MySQL, PHP, Dart, React.js

Tools Skills : Enterprise Architect, Android Studio, Microsoft Visual Studio Code, Netbeans, phpMyAdmin, Eclipse IDE, DEV C++, Test Link, JIRA, Cypress, Marvel, Postman, Firebase, Trello, Github

Language Proficiency :
- Indonesian - Native or bilingual proficiency
- English - Professional working proficiency
- Korean - Elementary proficiency

RELEVANT RESEARCH EXPERIENCE

Undergraduate Final Year Project | Universiti Teknologi Malaysia
Supervisor : Prof. Dr. Dayang Norhayati Abang Jawawi | dayang@utm.my

2019 - 2021
Johor Bahru, MY

- The aim is to study the requirement change in generating test cases using model based technique for a Robotics Wheelchair System.
- The implementation used Testlink to manage the test cases execution. The research analysis obtained the time and cost saved is 50% (retestable and reusable test cases) and new effort needed is only 36% (new test cases) for the wheelchair software testing.

PROJECT EXPERIENCES

Shovice | Universiti Teknologi Malaysia
A class project to make web based application for UTM students to be able to request/to provide services for other students

2021
Johor Bahru, MY

- Gathering user requirements and discussing about the business rules
- Shovice version 1 is building the web based system during Internet Programming class:
  - Using Microsoft Visual Studio Code with Java language. Mostly responsible in the frontend development using HTML, CSS and Javascript
  - Applying Slim framework into the system
  - Connecting the web based system with phpmyadmin as the backend storage
- Shovice version 2 is building the web based system during Software Construction class:
  - Using Eclipse IDE with Java language. Take parts in the frontend and backend coding
  - Applying Spring boot framework into the system
  - Connecting the backend with phpmyadmin

LetItGo | Universiti Teknologi Malaysia

A recent class project to make a native mobile application for those who wants sell their second-hand and also for those who wants to thrift.

- Gathering user requirements and discussing about the business rules
- Making wireframe for the frontend using Marvel
- Building a native application using Flutter which making use of Dart as the programing language
- Connecting the application with Firebase as the backend storage

PPI UTM CONNECT | Universiti Teknologi Malaysia

2019 - 2020
Johor Bahru, MY

Both mobile and web application designed for Indonesian student who is or will be studying in Universiti Teknologi Malaysia, Johor Bahru. It is now used by approximately 100 users for PPI UTM purposes.

- Contributing in the user requirements gathering by having meetings with the client
- Creating UML, DFD and ERD diagrams using Enterprise Architect
- Contributing in managing the project activities by using Trello
- Creating frontend wireframes using Marvel
- Contributing in an agile software development using Scrum method

PT Megasoft Informatika

2019 - 2020
Bekasi, ID

Joined as an Assistant System Analyst for 2 project developments

- Project worked on was Shipment Monitoring System for PT Nittsu Lemo Indonesia Logistik (January 2020 - February 2020)
- Project worked on was Frozen Seafood Trading System for PT Sanjaya Internasional Fishery (August 2019 - September 2019)
- Assisting System Analyst in eliciting requirements and business rules
- Participating with System Analyst in clients interviews and project development discussions
- Creating UML, DFD, ERD diagrams to design the system using Enterprise Architect
- Responsible in wireframing the system frontend using Marvel

Shogo | Universiti Teknologi Malaysia

2019
Johor Bahru, MY

Class projects that is separated into 2. Making web based and android application which able to act as a platform for personal shopper to manage their business easier and promoting their service tosociety that will encourage self-made business.

- Gathering user requirements and discussing about the business rules
- Making wireframe for the frontend using Marvel
- Building android mobile application using Android Studio. Mostly responsible in the frontend development
- Connecting android mobile application with Firebase as the backend storage
- Building the web based system using Netbeans with server generated HTML, responsive CSS and backend database (MySQL). Mostly responsible in the frontend development

INTERNSHIP EXPERIENCE

FINOLOGY Sdn. Bhd

2020 - 2021
Kuala Lumpur, MY

Position as Business Analyst (Software) Intern

- Assisting Business Analysts in scoping & requirements gathering for new & existing projects
- Assisting Business Analysts in project management, ensuring timely project deliveries by using Trello
- Contributing largely on controlling projects from development up to production phase
- Creating test plans and various system documentations
- UI Testing of new & existing web / mobile applications and also API testing by using Postman
- Documenting and explaining problems to resolve software bugs using Github repository
- Performing related duties and responsibilities as assigned by the supervisor
- Learning basic background and knowledge about Insurance industry

PROFESSIONAL REFERENCES

Prof. Dr. Dayang Norhayati Abang Jawawi
Associate Chair (Academic and Student Development) at School of Computing UTM

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