

MOHAMMAD NAZRUL BIN MORNIE

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PROFESSIONAL SUMMARY

An enthusiastic software engineer with a strong passion for computer science seeking challenging roles in software engineering fields and would also love to explore AI and network computing opportunities. Equipped with a strong foundation in coding, problem-solving, analytical skills, and software development methodologies. Committed to delivering innovative solutions and driving technological advancements. Seeking a position where I can contribute my skills, learn from experienced professionals, and make a meaningful impact in the world of information and communication technology. **Available to start working after one month notice period and willing to relocate.**

PROFESSIONAL EXPERIENCE

Full Stack Software Engineer

SLB Business Support Sdn Bhd | February 2024 – Present

Accomplishments:

- Working in a team that deals with multiple client's request that requires critical thinking and fast deployment.
- Experiences using multiple programming languages as part of daily work such as Java, XML, JavaScript, JSP, HTML, and SQL.
- Setting up and configure hosting of client's web application and ensure that it is working as expected by the clients.
- Developed a tool for managing resources allocation as part of Agile development strategy.
- Practices Agile development method for any assigned tasks to ensure that the goals of the task can be achieved with highest accuracy.

Software Engineer (Mobile Application)

Uptrend Technology Sdn Bhd | May 2023 – February 2024

Accomplishments:

- Developed cross-platform mobile application for Android and iOS platform using mobile development framework (React Native).
- Implemented several useful tools and libraries commonly used for mobile application development such as REST API, Axios, Firebase, TailwindCSS, and Docker.

- Assists in development of web-based system using frameworks such as Laravel, TailwindCSS, Bootstrap, and NodeJS.
- Execute security implementation for both web-based system and mobile application.
- Learn and explore the implementation of cloud-computing services such as Amazon Web Service (AWS) and Digital Ocean Cloud Hosting.

Web Developer Intern

Goodsane Sdn. Bhd. | Jan 2018 – Jul 2018

Accomplishments:

- Developed websites for different clients using Laravel framework.
- Implemented Search Engine Optimization (SEO) for web development projects.
- Developed mobile games using Unity Engine.
- Collaborated across departments and contributed to a dynamic team.
- Actively pursued professional growth through training and skill acquisition.

EDUCATIONAL BACKGROUND

Universiti Malaysia Sarawak (UNIMAS) | April 2021 – December 2024

Master of Science (Part-time) – Research Mode

- Successfully defended proposal with compliments.
- Effectively developed a model capable of generating components for use case diagrams.

Universiti Malaysia Sarawak (UNIMAS) | June 2016 – August 2020

Bachelor of Computer Science with Honors (Information Systems)

- CGPA 3.55
- Received Dean's List Award for four semesters consecutively.

Universiti Malaysia Sarawak (UNIMAS) | June 2015 – June 2016

Foundation in Life Science

- CGPA 3.24

Maktab Rendah Sains Mara (MRSM), Mukah | January 2013 – December 2014

Sijil Pelajaran Malaysia (SPM)

- Result 8A 1B

PROJECTS AND INVOLVEMENT

Multi-Platform Fish Marketplace Mobile Application

April 2023 – August 2023

- Led the development of a cross-platform mobile application using React Native, enabling seamless access for both iOS and Android users in the online fish marketplace.
- Collaborated with a multifunctional team to oversee the complete software development life cycle, delivering a high-performing, user-centric application that met industry standards.

Development of Model for Generating UML Use Case Diagram

September 2022 – March 2023

- Successfully integrated natural language processing (NLP) techniques with Python and Stanford CoreNLP to automatically generate comprehensive UML Use Case diagrams from textual user stories.
- Implemented an intelligent algorithm that distinguishes use cases, actors, and relationships as elements of a use case diagram.

Android Application Development of Marketplace App for e-Nelayan Kota Samarahan

June 2019 – June 2023

- Develop Android mobile application which goal is to allow fishermen in Kota Samarahan to sell their catch easily.
- Closely works with community to communicate the best requirements for the mobile application.
- Published a paper about the application into UNIMAS' Trends in Undergraduate Research.

PROFESSIONAL DEVELOPMENT

Innovation Technology Expo (INTEX) 2023

August 2023

- Showcasing my mobile application named *e-Nelayan: A Fishery Marketplace App* to the participants.
- Won Silver Awards from the Information and Technology (IT) category.
- Building networks among students as well as industries professional from multiple backgrounds.

Participatory Design Conference (PDC) 2022 – IPID Asia

August 2022

- Joined conference to collaborate on community projects with participants from several universities within Malaysia.
- Finding solutions by utilizing modern technology to improve rural areas connectivity's.
- Building networks with participants from multiple backgrounds such as zoology, biotechnology, and people development.

Information and Communication Technology for Development (ICT4D) in the Field 2022

July 2022

- Collaborate with master's students from Vrije University, Amsterdam to find solutions for helping fishermen sell their catch.
- Communicate and discuss requirements with fishermen and fishmonger to get better insights.
- Propose and developed an e-commerce web application using Django to help fishermen sell their catch.

Information and Communication Technology for Development (ICT4D) in the Field 2021

July 2021

- Collaborate with master's students from Vrije University, Amsterdam and University of Development Studies (UDS), Ghana to find solutions to help women entrepreneur effectively sale their products in Sarawak.
- Closely working among the team and also the representative from the communities to find the best solutions.
- Propose and developed an e-commerce website for women in Sarawak to sell their products.

SKILLS & COMPETENCIES

Core Competencies	: Quick Adaptability, Critical-thinking, Problem solving, Agile methodologies, Strategic planning, Teamwork, Time management, Effective communication, Fast learner.
Skills	: Mobile App Development, Natural Language Processing Project, Project Management, Web Development, Data Analysis, Data Visualization, Game Development, Database Management, Web Hosting, Software Testing, Reporting Tools Development
Programming Language	: Python, Java, JavaScript, HTML, CSS, PHP, C#, SQL, XML, JSP
Framework	: Django, Laravel, React, React Native, Bootstrap, Axios, Ajax, NodeJS, Laravel RESTful API, Spring Framework, Jasper, BIRT
Tools	: Visual Studio Code, TablePlus, Docker, Android Studio, Tableau, DataGrip, BurpSuite, Figma, Android XD, Expo, Github, Postman, MySQL, MariaDB, Firebase, Amazon Web Service (AWS), Jira, Linux Server, Eclipse.

REFERENCES

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