AHMAD ASYRAF BIN MOHAMAD ZAID

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Portfolio

Personal Summary

I am a self-taught programmer certified by AirAsia Academy. Passionate and competent in software development. I developed my portfolio and projects on my own from scratch. Seeking to use my specialty to deliver coding excellence as a Software Engineer in IT industry.

Education

Bachelor of Biomedical Sc. (Hons.), University Sultan Zainal Abidin, Sep 2017 – Mar 2022

CGPA: 3.45

Among subjects taken:

- Biostatistics
- Intellectual Properties and Bioethics

Training

Job Search Masterclass, Dec 2022, Career Cube, Online course

- An intensive job-hunting webinar series, learned resume, interview, online and job-hunting techniques.

Programming Languages (Python), Nov 2022, Skillsture, Online course

- An online learning webinar series. acquired skill in **Python** as a general-purpose language, which been used in **Data Science**, **Software** and **Web Development** and **Automation**.

Software Engineering Full Reskilling Programme, Sep 2022, AirAsia Academy, Online Course

- An in-depth software development webinar series, focused on **Front-end** and **Back-end Development**, including **HTML5**, **CSS**, J**avaScript**, **MERN** Stacks and **Go Language**.

Work Experience

Balance Solution Sdn. Bhd. | Full Time, Jan 2023 – Now

- Implement performance optimization techniques such as ReactJS for front-end web development projects , resulting in a 15% decrease in page load time and improving overall user experience.
- Develop and implement innovative front-end designs for company website, resulting in a 30% increase in user engagement metrics.
- Architect and manage client-server applications on AWS, utilizing Amazon EC2 to create a scalable server infrastructure resulting in a 50% increase in application performance.
- Utilize wireframing and prototyping tools to create visually appealing interfaces that align with brand guidelines, resulting in a 25% increase in customer satisfaction ratings.

Hospital Raja Perempuan Zainab II, Kota Bharu | Internship, Aug 2020 – Oct 2020

- Assist in implementing and maintaining quality inspections for laboratory safety in complying with the increments of laboratory works by 60%.
- Plan daily and weekly tasks to meet the laboratory's full efficiency.
- Active learning in deploying laboratory information systems to address 70% of the work done.
- Collaborate laboratory storage, inventories and orders required supplies in a good condition to ease 80% of the laboratory tests.
- Communicate with laboratory staff for monitoring testing and inspection of samples to confirm the result meets 90% of the quality testing.

Institute Marine Biotechnology, UMT | Internship, June 2019 - July 2019

- Lead planning sessions for a new mini-project, guide discussions, and restructure meetings to improve the processes and cut down paperwork by 75%.
- Organize materials before conducting the mini project to reach 100% of the determined objectives in time.
- Adapt statistical quality control results for 100% accomplishment of the project.
- Perform analytical experiments to certify the 65% of mini-project goals.
- Cooperate in equipment maintenance, prepare research reports, organize safety standards and confirm regulatory compliance to guarantee the project works 100%.

Activities and Involvement

- Vice President, Diagnostic Student Association (DiagSA), UniSZA, 2018-2019
- Head of Sponsorship and Diplomatic Unit, Go Green Go Health 2.0, UniSZA, 2019
- Head of Activity Unit, Symbiosis Science Generation, SM Imtiaz Besut, 2019
- Health Screening Volunteer, Go Green Go Health, UniSZA, 2018
- Multimedia and Activity Unit, UniSZA Community Programme, UniSZA, 2017
- Volleyball, NAHSSSE, UPM, 2019

Skills

IT Proficiency:

- Microsoft Office: Intermediate
- HTML, CSS, TailwindCSS, Bootstrap, ES6, DOM, Git: Intermediate
- MongoDB, Express.JS, React.JS, Node.JS, AWS: Intermediate
- GO Language, Vanilla JavaScript, C++: Intermediate

Language Proficiency:

- Bahasa Malaysia: Excellent
- English: Intermediate
- Arabic: Intermediate

Reference

- Mohd Yusmaizi Bin Abdul Karim (Supervisor)
  - yusmaizikarim@gmail.com
  - 01127252624
  - Balance Solution Sdn. Bhd.

- Dr. Azmahani Binti Abdullah (Lecturer)
  - azmahani@unisza.edu.my
  - 0199002271
  - UniSZA