

MUHAMAD SYAUQI BIN JAFREE

Bachelor of Computer Science with Maritime Informatics

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PROFILE

Software Tester with 2+ years of experience in manual and automated testing, combined with full-stack web development expertise. Proven track record in creating comprehensive test plans, executing test cases, and identifying critical defects to ensure high-quality software delivery. Proficient in automation testing using Playwright and Selenium, with strong development background in Laravel, Vue.js, and MySQL. Brings unique perspective to quality assurance through understanding both development and testing processes. Seeking to leverage dual expertise in testing and development to drive comprehensive quality assurance solutions.

EDUCATION BACKGROUND

Universiti Malaysia Terengganu

Bachelor of Computer Science with Maritime Informatics | September 2018 – January 2022

- Major in Computer Science, specialised in Software Engineering
- Studied Web & App development using JAVA, MySQL, Python
- CGPA: 3.70

Universiti Pendidikan Sultan Idris

Diploma in Science (Mathematics) | Jun 2015 – July 2017

- Studied math logic, advanced calculus, statistics, C++ programming, and R
- CGPA: 3.69

EXPERIENCES

Functional Engineer at Zanko Sdn. Bhd. | December 2022 – Present

- **Requirements Analysis:** Analysed project requirements and stakeholder expectations to define comprehensive test cases and align testing processes with business objectives
- **Manual Testing Excellence:** Executed comprehensive manual testing across functionality, usability, and performance domains, ensuring 100% requirement compliance and defect-free application delivery
- **Helpdesk Management:** Managed helpdesk ticketing system with average resolution time of 1 hours, maintaining clear communication channels with users and stakeholders throughout issue lifecycle
- **API Testing & Integration:** Validated API functionality for data consistency and integration accuracy, collaborating with development teams to enhance system reliability.
- **Test Automation:** Developed end-to-end test suites using Playwright for cross-browser testing (Chrome, Firefox, Safari) with headless and headed execution modes
- **Quality Assurance:** Implemented regression testing processes that reduced manual testing time by 50% and improved bug detection efficiency

System Application Engineer at Favotech System Sdn. Bhd. | September 2022 – December 2022

- **Full-Stack Development:** Built and maintained responsive web applications using Laravel backend, Vue.js frontend, and Tailwind CSS, delivering modern and scalable solutions
- **Code Quality & Performance:** Implemented efficient, reusable code architecture following industry best practices, improving application performance and maintainability through proper version control and code organization
- **Frontend Development:** Created dynamic, responsive user interfaces with Vue.js and Tailwind CSS, ensuring cross-device compatibility and optimal user experience
- **Backend Development:** Developed robust Laravel applications with optimized database interactions and API integrations for enhanced system functionality.

Functional Engineer at Zanko Sdn. Bhd. | February 2022 – August 2022

- **System Documentation:** Collaborated with System Analysts to document critical implementation aspects of Online Marking System (OMS), ensuring comprehensive technical specifications and requirements traceability
- **Test Case Development:** Designed and created detailed test case scenarios for system configurations, enabling QC team to execute precise and effective testing protocols
- **Quality Assurance Support:** Provided technical documentation and testing frameworks that enhanced QC team efficiency and testing accuracy across multiple system configurations.

SKILLS

Technical Skills

Languages & Frameworks: Laravel | PHP | MySQL | HTML | CSS | JavaScript | Vue.js

Testing Tools: Playwright | Selenium

Core Competencies

Full-Stack Development: Build web applications using Laravel backend and Vue.js frontend with database integration

API Development: Create and consume RESTful APIs with JSON data exchange

Database Design: Develop efficient MySQL databases for web applications

Automation Testing: Create end-to-end test suites using Playwright and Selenium for cross-browser testing

Manual Testing: Execute comprehensive testing for functionality, usability, and performance validation

Continuous Learning

Staying updated with latest Laravel, API development, and frontend framework technologies.

ACHIEVEMENTS & CERTIFICATIONS

- Anugerah Pelajaran Diraja (Pingat Jaya Cemerlang)
 - Commissioned as Second Lieutenant in Angkatan Pertahanan Awam Malaysia
 - Alibaba Cloud Certified Associate.
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