

# MUHAMMAD FARHAN BIN ABDUL SALAM

## BSc Information System Engineering

Persiaran Tropicana Height, 43000, Semenyih, Selangor

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### SUMMARY

1 year in a development team focusing on Quality Assurance (QA), I bring a strong foundation in testing, including integration and system testing. Currently seeking a new role as a developer, I possess skills in both QA and development. My unique perspective combines QA precision with hands-on coding expertise. Excited to contribute to innovative solutions and apply a holistic understanding of the software development lifecycle

### RELEVANT EXPERIENCES

March 2023 —  
Present

#### Automation Test Engineer at Silent Mode Sdn. Bhd, Bangi, Selangor

- Automation Testing using Selenium Java**
  - Proficiently utilized Java programming language to develop Selenium test scripts, ensuring seamless automation for web applications.
  - Implemented Page Object Model (POM) design pattern in Selenium Java to enhance code maintainability and improve the efficiency of test script development.
  - Employed Java libraries and frameworks to extend the functionality of Selenium scripts and address specific project requirements.
- Automation Testing using Eggplant.**
  - Acquired proficiency in new automation languages within a three-month timeframe, enabling swift adaptation to project requirements.
  - Implemented highly reusable functions, automating test scenarios, and significantly reducing testing time by executed automated tests across various device, ensuring application compatibility and responsiveness.
  - Addressed complex testing scenarios, including in Fuel Retailing module, resulting in a improvement in test case stability and reliability.
  - Collaborated with senior automation testers, learning new languages of automation tool (Sense Talk), and providing timely assistance in code development, leading to a 30% acceleration in automation project timelines.
  - Successfully tested on iOS device, expanding test coverage and boosting overall application reliability.
- Project - Submodule Leadership.**
  - Led the fuel retailing submodule within Project RONPOS, managing a team of 7 and overseeing testing processes. Achieved alignment with project objectives through strategic planning and execution, resulting in an on-time delivery with zero critical defects.
  - Collaborated with developers and business analysts, defining UAT testing requirements and successfully executing testing cycles for Sprint 1 until 6.
  - Demonstrated effective leadership by completing testing ahead of schedule, resulting in an overall team efficiency

Oct 2022 — Feb  
2023

#### Internship Trainee at Silent Mode Sdn. Bhd , Bangi, Selangor

- Developer**
  - Spearheaded the development of a predictive system for the Malaysia General Election 15 during a rewarding internship experience.
  - Collaborated with a cross-functional team to design and implement innovative features, enabling users to forecast election outcomes with accuracy.
  - Utilized PHP programming language and relevant frameworks to architect the backend of the prediction system, ensuring robust functionality and data processing.
  - Implemented user-friendly interfaces using front-end technologies such as HTML, CSS, and JavaScript, enhancing the accessibility and visual appeal of the prediction platform.
- Event Management**
  - Designed and developed a comprehensive attendance system for Silent Mode's annual dinner committee, ensuring seamless event management.
  - Implemented features such as automated check-in and real-time attendance tracking, contributing to a reduction in manual effort and ensuring the event's smooth execution.

	<b>3. Data Preparation and Visualization</b> <ul style="list-style-type: none"> <li>- Prepared and organized global fuel retailer data, extracting relevant insights for decision-making.</li> <li>- Developed a dynamic dashboard using Google Data Studio to visualize key metrics, facilitating better understanding of data trends and supporting strategic decisions by stakeholders.</li> </ul>	
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## EDUCATION

Sep 2020 — Jan 2023

### **Bachelor of Information System Engineering, Universiti Teknologi Mara**

Current CGPA: 3.32/4.00 MUET: Band 3

Related coursework: Enterprise Programming, Software Improvement, System Testing, Artificial Intelligence, Machine Learning, Information System, Databases Engineering

July 2017 — Jan 2020

### **Diploma of Computer Science, Universiti Teknologi Mara**

CGPA: 2.89/4.00

Related coursework: Operating Systems, Data Structures, Analysis of Algorithms, Networking, Databases

## TRAINING & CERTIFICATION

2023

### **Selenium Essential Training**

Successfully completed an extensive Selenium Essential Training course, equipping myself with in-depth knowledge and practical skills in automated testing using Selenium. This comprehensive training covered the following key areas:

- Web Automation:
- Cross-Browser Testing:
- XPath and CSS Selectors:
- Handling Dynamic Elements:

**Tertiary Course**

2021

### **Virtual Laravel Bootcamp**

Participated in a comprehensive virtual Laravel Bootcamp, focused on enhancing skills in web development using the Laravel PHP framework.

**TamingTech**

## RELEVANT PROJECT

2022

### **SilentMode Annual Dinner attendance system**

- Designed and developed an Attendance System using PHP for streamlined tracking during the company's annual dinner event.
- Utilized PHP to create a dynamic and user-friendly interface for capturing attendance data, ensuring a seamless and efficient process for event participants.
- Integrated the system with a backend database to securely store attendance records, facilitating easy retrieval and analysis post-event.
- Successfully delivered a tailored solution that not only simplified attendance tracking but also contributed to the overall success and organization of the company's annual event.

**Internship Project**

2022

### **PRU15 Prediction system.**

- Collaborated closely with the backend development team to integrate frontend components seamlessly with the data processing logic.
- Utilized modern frontend technologies such as HTML, CSS, and JavaScript to craft an intuitive and visually appealing user interface for the Prediction System.
- Implemented responsive design principles to ensure a consistent user experience across various devices and screen sizes

**Internship Project**

2022

### **Covid 19 Classification system using Machine Learning.**

- Collected and pre-processed relevant data, ensuring its suitability for training and evaluating the machine learning models.
- Explored and experimented with various classification algorithms, including but not limited to Decision Trees, Support Vector Machines (SVM), and Neural Networks, to determine the most effective approach for the project.
- Employed Python programming language and popular machine learning libraries such as scikit-learn and TensorFlow to implement robust classification algorithms.

**FYP University**

## SKILLS

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|---|--|---|
| <ul style="list-style-type: none"> <li>• Java Programming</li> <li>• Git</li> </ul> | <ul style="list-style-type: none"> <li>• Automation Testing</li> <li>• Selenium</li> </ul> | <ul style="list-style-type: none"> <li>• HTML5</li> <li>• Python Programming</li> </ul> |
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