MOHAMMAD WAFI

AUTOMATION SOFTWARE ENGINEER

SUMMARY

Motivated junior developer with hands-on experience in automation, QA, and game development. Skilled in Python, JavaScript/TypeScript, and low-code automation tools, with a strong eye for detail and problem-solving. Experienced in designing game mechanics, AI behaviors, and workflows, and eager to learn new technologies. Passionate about contributing to meaningful projects while growing into a full-fledged automation engineer.

WORK EXPERIENCE

Wiring and Electronics Repair Technician | Kina Maju Enterprise | 2023-Present
- Performed electrical wiring, troubleshooting, and repair for residential.
- Diagnosed and repaired faulty electronic components with minimal downtime.
- Ensured compliance with basic electrical safety standards.

Independent Developer | Automation & Game Projects | 2024-Present
- Developed multiple mobile and PC games using Godot, including systems such as endless runners and horror-AI pathfinding.
- Created complex AI behaviours including chase logic, obstacle reactions, speed scaling, and attack zones.
- Designed gameplay system and shop system on every game making.
- Built testing workflows for game logic using script-driven checks for movement, collisions, and item events.
- Utilised AI tools (ChatGPT) during development to speed up scripting, debugging, and system design.

INTERNSHIP EXPERIENCE

Warehouse System Developer (VBA)/ Forklift Operator | Mudim Zakaria Food Industries Sdn. Bhd. | 3.2023 - 9.2023
- Designed and developed a VBA-based warehouse system using Microsoft Excel
- Automated stock in, stock out, and inventory tracking
- Reduced manual recording errors
- Generated simple reports for inventory monitoring

PERSONAL PROJECT

- Face Recognition System (Python) – Implemented basic facial recognition using computer vision libraries.
- Chat Application – Built a simple chat system focusing on logic flow and data handling.
- Low-Code Automation Tools – Created workflow automations to reduce repetitive manual tasks.

SOFT SKILLS

Collaboration
Analytical skills
Continuous learning
Adaptability
Communication

HARD SKILLS

Playwright
TypeScript
Low-code automation
AI-driven engineering

ACADEMIC HISTORY

University Science Malaysia | 2019-2023
Bachelor of Science (Honours) Physics
- GPA 3.23

CONTACT

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