WAN AHMAD FIKRY BIN WAN EFFENDY
+60176099156 · kfikryw@gmail.com
Cyberjaya, Selangor
www.linkedin.com/in/wan-ahmad-fikry-wan-effendy-b41b81240
https://github.com/kfikryw

PROFILE

Dynamic and results-driven Junior Programmer with a passion for developing innovative software solutions. Possessing a solid foundation in programming fundamentals, excels in preparing project specifications, designing, coding, testing, and implementing software programs, applications, and systems. Committed to continuous learning and growth, poised to contribute effectively to dynamic software development teams and drive organizational success. Proficient in documentation and technical review, adept at enhancing existing software solutions while staying updated on emerging technologies.

EDUCATION

Bachelor of Engineering (Electronics-Computer and Information)
Universiti Islam Antarabangsa Malaysia (UIAM)
Graduated: February 2024

PROFESSIONAL EXPERIENCE

Junior Programmer
The Everly Group Sdn. Bhd.
March 2024 - Current

- Developed an intuitive frontend design for the POS system using vanilla JavaScript and jQuery.
- Generated thorough documentation for frontend programs and applications, including detailed training manuals.
- Created a user guide for OBE (Office Booking Engine) to assist users in navigating and utilizing the system effectively.
- Enhanced the POS system, as well as the PMS and HRMS software (FAST Front Desk and FAST People), by reviewing JavaScript files and implementing new features and debugging to improve functionality and user experience across all platforms.
- Debugged a PowerShell script to automate email notifications for users within the HRMS.

IT Technical Support Engineer (Protege/Internship)
Kridentia Tech Sdn. Bhd.
February 2024 - March 2024

- Conducted report writing and documentation on biometric security systems, including installation procedures, troubleshooting guides, and system configurations.
- Assisted in drawing cable layouts for various biometric security installations, utilizing different types of cables such as UTP (Unshielded Twisted Pair) and Fiber optic cables.
- Participated in site visits to warehouses and other client locations to assess infrastructure requirements and conduct pre-installation surveys for biometric security systems.
- Collaborated with project teams to ensure accurate implementation of biometric security solutions, adhering to project timelines and client specifications.
- Installed and configured hardware components for biometric security systems at high-profile locations, including IPD Bukit Aman, in collaboration with project teams and client stakeholders.

UNIVERSITY/SELF PROJECT

Final Year Project: Prediction of Nutrient Deficiency in Paddy Crops via VGG16 and ResNet50

- Successfully designed and implemented a machine learning solution to predict nutrient deficiencies in paddy crops using convolutional neural networks (CNNs), VGG16 and ResNet50.

Mobile Application Development Project (Course Scheduler Apps)

- Designed, developed, and implemented a comprehensive Course Scheduler Application using React Native, demonstrating proficiency in mobile application development and a commitment to enhancing user experiences for educational planning.

Developed and Designed A User Interface for POS system

- Developed and designed a modern new look for the existing POS software system used by The Everly Group.

Personal Website

- Created a personal website to demonstrate my frontend development skills, utilizing only JavaScript with jQuery, HTML, and CSS, without relying on any JavaScript framework.
- link: https://github.com/kfikryw/personal-website

Knapsack Problem Solver in Python

- Developed a Python-based solution to solve the classic Knapsack problem, showcasing strong algorithmic and problem-solving skills.

Crossword Puzzle Game Development

- Designed and developed a crossword puzzle game using C++, demonstrating proficiency in software development, problem-solving, and algorithmic thinking.
- Utilized C++ to create a fully functional crossword puzzle game, incorporating data structures and algorithms for puzzle generation and player interaction.

ACADEMIC PAPER

Research Paper - 6th International Conference on Engineering Ethics and Education 2023 (Sustainable Crop Nutrition Assessment: Deep Learning with VGG16,ResNet50, and K-means Clustering for Predicting Nutrient Deficiencies in Paddy Plant)

- Innovatively led and executed deep learning-based research project on sustainable crop nutrition for paddy plants. Developed VGG16 and ResNet50 models, applied transfer learning, and utilized K-means clustering.

TECHNICAL SKILLS

- Programming Languages: C++, Python, JavaScript, Rust, Go, C#.
- JavaScript's Framework: React, React-native
- Python's Framework: Django.
- Machine Learning/Deep Learning: TensorFlow, Keras, Numpy, Panda
- Computer Networking: TCP/IP, UDP, Routing, Switching
- Computer Vision: Image Processing, Object Detection, Image Classification

LANGUAGE PROFICIENCY

- English : Fluent
- Malay : Native