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| **MUHAMMAD NAJIB BIN AHMAD AZIR** | |
| **PERSONAL DETAIL**  **Address** : Rawang, Selangor **Phone No.** : (+60) 17–227 6447 **Email** : [najibazir12@gmail.com](mailto:najibazir12@gmail.com) **LinkedIn** : <https://www.linkedin.com/in/najibazir>  **Availability** : From 25th March 2024 (Two (2) Months’ Notice) | |
| **PROFILE SUMMARY**  A passionate and versatile software programmer with over three (3) years of experience in developing, testing, and deploying various software systems and functionalities using Python, AWS, TensorFlow, and other technologies. Skilled at working with data querying, analysing, and visualizing to generate insights and solutions for business problems. Familiar with deep learning models, web services, and data management systems. Looking for an opportunity to apply my technical and soft skills to the success of an innovative and progressive company. | |
| **WORK EXPERIENCE**  **Junior Software Programmer Nov 2022 – Current**  **Netmedias Leashares Sdn Bhd Petaling Jaya, Selangor**   * Developed, designed, debugged, and tested seven system functionalities using Python, and deployed them using the GitHub repository to AWS Lambda, increasing the performances by 20%. * Queried daily reporting data such as daily spending and revenue of sales using AWS Athena, and visualized the data in Microsoft Excel, providing insight and recommendations to the marketing department. * Applied TensorFlow and Keras to train a Long Short-Term Memory (LSTM) model that predicted an Average Revenue Per User (ARPU) for the next three months with an overall 75% accuracy, and presented the data and the results using AWS Quicksight, and generated an interactive and user-friendly dashboard. * Resolved data discrepancy issues by checking data stored in AWS DynamoDB by cross-checking with multiple sources, ensuring data accuracy and consistency. * Customized a task management system by making a user-friendly tasking board for all departments using Notion, improving the workflow and collaboration among the teams. * Created automation for the daily and monthly reports, and daily forecasts of ARPU using AWS Glue, saving 15 hours of manual work per month.   **Analyst Programmer July 2021 – Jan 2022 Hesper Technology Sdn Bhd Petaling Jaya, Selangor**   * Transferred over 20 reports from the old to the new system using Speedminer Management System, creating, and updating dashboards for each report and checking the validity and consistency of data. * Provided maintenance support for the reported issues in Hospital Information System (HIS) application, resolving over 90% of the cases within the agreed service level agreement and improving customer satisfaction. * Built a database management system and web services application for training purposes by using Intersystems Caché and demonstrating the features.   **Artificial Intelligence Apprentice Aug 2020 – Feb 2021 Skymind Holdings Berhad Kuala Lumpur**   * Performed data annotation and collected over 2,000 images for the object detection model, ensuring high-quality and diverse data for training and testing. * Worked closely with deep learning engineers to assist them in the development phase of the object detection project, using TensorFlow and OpenCV to create and optimize models for various use cases. * Managed individual projects on sentiment analysis of survey responses containing two language words in a single sentence, using natural language processing and machine learning techniques to achieve over 80% accuracy and efficiency.   **Research Assistant Intern Mar 2019 – July 2019 Universiti Teknologi MARA Seremban, Negeri Sembilan**   * Studied and learned about how the Water Usage Calculator worked and how it was calculated, using mathematical formulas and data sources from a foreign company that owns and uses it. * Analysed over 50 questions in the Water Usage Calculator and made a report, identifying the factors and variables that affect the water usage and providing recommendations for improvement and optimization. * Built a website with web development software, such as HTML, CSS, and JavaScript, and placed the Water Usage Calculator on it for testing purposes, creating a user-friendly and interactive interface that allowed users to input their data and get their results. | |
| **EDUCATION**  **Bachelor of Science (Hons) Computational Mathematics** Universiti Teknologi MARA Seremban, Negeri Sembilan Mar 2017 – July 2019  **Diploma in Mathematical Sciences** Universiti Teknologi MARA Segamat, Johor May 2013 – Oct 2016 | |
| **SKILL**  **Interpersonal:** Adaptability, Problem-solving, Critical Thinking, Teamwork, Time-management  **Industry Knowledge:** Software Development, Data Analysis, Cloud Computing, Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision, Sentiment Analysis, Database Management  **Programming Language:** Python, SQL, Java, HTML, JavaScript, C++, CSS  **Tools / Technologies:** Visual Studio Code, Amazon Web Service (AWS), GitHub, Keras, TensorFlow, Pandas, Microsoft Office, IntelliJ IDEA, Anaconda, Jupyter Notebook, DL4j, InterSystems IRIS  **Language:** Malay (Native), English (Proficient) | |
| **ACHIEVEMENT & CERTIFICATION**  **Materials Technology Education (MTE):** Python Machine Learning for Artificial Intelligence Engineer Dec 2022  **Trainocate:** Cloud: IT Infrastructure on The Go Dec 2022  **KPT - Career Advancement Programme (CAP):** Foundation Certificate in Data Analytics Mar 2022  **CertifAI:** Deep Learning in Computer Vision (Participation) Mar 2021  **Coursera:** Natural Language Processing Dec 2020 Deep Learning Specialization Nov 2020 TensorFlow Developer Specialization Nov 2020 | |
| **REFERENCE**  **Mr. Woo Kean Yee** IT Team Lead and Senior Software Programmer  Netmedias Leashares Sdn Bhd  [kennywoo@netmediasleashares.com](mailto:kennywoo@netmediasleashares.com)  (+60) 16-715 8637 | | **Dr. Nurulaqilla Khamis**  Senior Lecturer at Faculty of Electrical Engineering Universiti Teknologi Malaysia [nurulaqilla@utm.my](mailto:nurulaqilla@utm.my)  (+60) 17-731 2605 |