



MOHANDASS A/L THIRUVASAGAM

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A Computer Science graduate from the National University of Malaysia, majoring in Data Science, with strong programming skills and a solid foundation in algorithms and data structures. Seeking a permanent position to apply my academic knowledge and professional experience to real-world projects, while continuing to grow in data analysis, data engineering and business intelligence development. Eager to contribute effectively to innovative and impactful projects within a dynamic team environment.

EDUCATION

Bachelor of Computer Science with Honours Oct 2021 - Oct 2025

- National University of Malaysia
- Major in Data Science | CGPA: 3.63
 - Dean's List: Semesters 1, 2, and 6
 - Relevant Coursework: Data Engineering, Machine Learning, Data Mining, Data Science.
 - Thesis on "Identifying Depression Based on Depression Symptoms in Social Media Text".

Foundation in Science and Technology (Computer Science) July 2020 - May 2021

- Malacca Matriculation College
- Relevant Coursework: Java Programming

WORK EXPERIENCE

Software Developer Nov 2025 - Jan 2026

- Cloud Basha Sdn Bhd - Contract
- Enhanced core modules of the CodeBridge system using Node.js and React, enabling automated GitHub project generation from Excel-based user inputs.
 - Developed and maintained cloud-based backend services, including email functionality for the Cloud Basha Management System, while testing and validating API integrations using Postman to ensure reliability.
 - Improved Basha AI by enhancing the React-based UI and containerizing applications with Docker to ensure consistent performance across environments.

GBS Digital Analyst (Finance) Oct 2024 - April 2025

- SLB - Internship
- Optimized Power BI reports for the Month End Package (FMTME) project by migrating data from SAP HANA to Azure Synapse and enhancing UI/UX based on the GBS template.
 - Built and maintained Azure Data Factory (ADF) pipelines using snapshot methodology for efficient data ingestion, and followed CI/CD deployment processes to promote reports across Dev to Prod environments.
 - Developed DAX measures and established data relationships across multiple sources to deliver accurate month-end insights for stakeholders.

EXTRACURRICULAR ACTIVITIES

- Vice President for SKMI Workshop Filmora**
- Organize and monitor the task given to the committee members.

- Treasurer for Infographic Workshop ICT**
- Provide program expenses and prepare financial reports.

SKILLS

- **Computing Skills:** ETL, Data Mining, Database, CCNA, Data Engineer, Machine Learning
- **Framework and Tools:** Google Colab, Visual Studio Code, Visual Studio, Microsoft 365, Power BI, Azure Data Factory, Azure DevOps, SSMS, React, Node.js, Docker, MongoDB, Data Studio, Databricks, Supabase
- **Programming Language :** Python, Java, HTML, C, SQL, DAX, JavaScript
- **Soft Skills:** Teamwork, Critical Thinking, Creative Editing, Problem Solving, Communication
- **Languages:** Tamil (Native), English (Proficient), Malay (Proficient)

ACHIEVEMENTS

Certificates

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| • NVIDIA Accelerating Data Engineering Pipelines | April 2025 |
| • Coursera Python Project for Data Science | April 2024 |
| • Coursera Data Analysis using Microsoft Excel | April 2024 |

Awards

- 1st Position on SKMI Video Editing Competition
- 2nd Place in the seKODlah TechHive Hackathon
- 2nd Place in the Capture the Flag Competition (CTF)

PROJECTS

Internship Project : Enhancing Financial Month-End Reporting with Power BI and Azure DevOps	Oct 2024 - April 2025
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- Migrated data from SAP HANA to Synapse and built ADF pipelines.
- Optimized Power BI reports by improving data model performance and designing visuals.
- Followed CI/CD deployment processes, validated data accuracy with stakeholders, and collaborated with scrum team members to finalize reports.

Final Year Project : Identifying Depression Based on Depression Symptoms in Social Media Text	Sept 2023 - July 2024
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- Classify the text written by social media users to determine the depression symptom.
- Patient Health Questionnaire (PHQ-9) will be used to determine type of depression.
- Emotion Lexicon will be used to obtain the result by using word matching method.

REFERENCE

Dr. Lailatul Qadri Binti Zakaria | Center for Artificial Intelligence Technology (CAIT), FTSM UKM | +603 - 8921 6719 | lailatul.qadri@ukm.edu.my