

ABDULLA AL MAHIN KHAN

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github.com/Mahinkhan007 · Cyberjaya, Selangor-63000, Malaysia

EDUCATION

Multimedia University

M.Eng in Data Science (Research)

Cyberjaya, Malaysia

June 2025 - Present

- **Concentrations:** Big Data, Data Mining and warehousing, Machine Learning, Neural Networks, Generative AI

Multimedia University

B.E. in Electronics Majoring in Computer

Cyberjaya, Malaysia

Graduated - March 2025

- **CGPA: 3.73/4.00**
- **Concentrations:** Semi-conductors, Micro-processors & Micro-controllers, Electronics, Computer Architecture.
- **Related Coursework:** Embedded IoT, Computing in Java, Js, Python, Assembly Language, Object-Oriented Programming, Digital Signals and Analytics, Software Engineering Principles, Circuit Theories, Algorithms and Data Structure, Microcontrollers and microprocessors, Control Theory.

EXPERIENCE

OCBC Bank

Custom CRM Developer Intern

Kuala Lumpur, Malaysia

July 2023 - October 2023

- Analyzed e2p customer interaction data from CRM, helping optimize onboarding strategies.
- Managed and developed packages consisting access roles, parameters, privileges and deploying them for OCBC employees and account holders using Pega
- Designed data pipelines, performed ETL processes, and conducted statistical analysis using Python (Pandas, NumPy) and SQL to track customer engagement metrics, leading to 10% improved retention strategies.

Code Ecstasy

Software Developer (Remote)

Dhaka, Bangladesh

August 2022 - July 2023

- Developed and maintained responsive, user-friendly web interfaces using React.js, enhancing the overall user experience by 30%.
- Optimized web applications for maximum speed and scalability, reducing page load times by 25% through code optimization and efficient asset management. Developed interactive dashboards to visualize website traffic data for better decision-making.
- Conducted thorough testing and debugging of system code to identify and fix issues, resulting in a 15% reduction in post-deployment bugs.
- www.codecstasy.com

Jobstreet Malaysia

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PROJECTS

NutriScanner Mobile Application

Final Year Project

Multimedia University, Malaysia

March 2024 - June 2024

- Mobile Application developed from scratch using Flutter for a cross platform compatibility for IOS and Android.
- Help users to assist their purchase of an in-store nutritional product based on their requirements
- Upon scanning barcode of a product, all nutritional facts, necessary dosage, allergens, pros and cons and similar products available in the market are displayed with the help of AI integration through API utilisation and OpenFoodFacts database. Integration of an AI chat-box to return to any product related inquiries by customer.

ACTIVITIES AND LEADERSHIP

IEEE MMU Student Branch Hi-comm

Executive Secretary
Multimedia University, Malaysia
July 2021 - July 2022

Students Representative Council

Student Ambassador
Multimedia University, Malaysia
October 2023 - Present

Jobstreet Malaysia

Student Ambassador
Multimedia University, Malaysia
January 2023 - January 2024

HULT Prize Competition

Team Lead
KL impact summit, Malaysia
January 2021

HULT Prize Competition

Head of Logistics
Multimedia University, Malaysia
December 2020

Engineering Society (EngSoc)

Treasurer
Multimedia University, Malaysia
January 2021 - December 2022

SKILLS

Programming & Data Analysis:

- Python (Pandas, NumPy, Matplotlib), R, SQL

Data Visualization:

- Power BI, Tableau, Matplotlib

Data Handling & Cleaning:

- Excel (Pivot Tables, VLOOKUP), Google Sheets, SQL Queries

Machine Learning (Basic):

- Scikit-Learn, Regression Analysis

Business Intelligence & Analytics:

- Google Analytics, A/B Testing, KPI Reporting

Web Development:

- HTML, CSS, Tailwind CSS, Bootstrap 5, JavaScript, React.js, Node.js, Firebase, Django

Mobile Application Development:

- Flutter, Swift

Cloud Computing:

- AWS identity and Access management, management console, networking and security

IoT and Embedded Systems:

- Embedded IoT System Design, End-to-End IoT System,

Embedded Operating Systems, Assembly Language (IA-32)

AWARDS

- Dean's List Award Trimester-1, 2020/21
- Dean's List Award Trimester-2, 2020/21
- Dean's List Award Trimester-1, 2021/22
- Dean's List Award Trimester-2, 2021/22
- Dean's List Award Trimester-1, 2022/23
- Dean's List Award Trimester-3, 2023/24

CERTIFICATIONS

- IELTS - Band 8.0
- Google Data Analytics - Google
- Complete Mobile Development with Dart Bootcamp- Udemy
- University of Michigan - Python for Data Science
- IBM - Data Engineering Fundamentals
- Complete JS Bootcamp - Udemy