FARHAAN NAZIRKHAN

MS Dynamics & Power Platform Consultant

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PERSONAL PROFILE

I am a passionate and adaptable tech professional with a background in software engineering and hands-on experience in business applications, automation, and AI. From building IoT-driven systems to delivering enterprise-grade CRM and Power Platform solutions, I thrive on solving complex problems with smart, user-centric designs. My journey is driven by a love for continuous learning and innovation, and I've had the honor of winning multiple regional and global tech innovation competitions that recognize both my technical skills and creativity.

EDUCATION

Bachelor's Degree in Software Engineering   2021 – 2024
University of Mauritius / Reduit MU

Cambridge A-Levels   2019 – 2021
Beekrumsingh Ramlallah SSS / Mapou MU

TECHNICAL SKILLS

LANGUAGE/ TOOLS/FRAMEWORKS/ CONCEPTS

- Javascript, Java, C#, C++, HTML/CSS, SQL, Flutter, Dart
- MS Office, MS Dynamics 365, MS Power BI, MS Power Automate, MS Power Apps, Azure DevOps, GitHub VCS, Jira Software, Firebase Suite, RPA, Visual Studio, VSCode, Android Studio, Arduino IDE, Figma, ML

WORK EXPERIENCE

MS DYNAMICS & POWER PLATFORM CONSULTANT
Spoon Consulting, St-Pierre MU   **2024 – Present**

- Implemented and customized Microsoft Dynamics 365 CRM solutions to align with complex client business processes.
- Developed scalable business applications using Power Apps, Power Automate, and Power BI.
- Designed and configured custom Entities, Views, Forms, Dashboards, Business Process Flows, and CRM entity relationships.
- Built custom logic through Plugins and Custom Workflows, and utilized Web Resources (JavaScript) for enhanced UI/UX.

- Integrated third-party systems and external components using APIs, and DocuSign for document automation and e-signature workflows.
- Created custom scripts and performed data migration using Dynamics CRM tools.
- Managed CRM security roles, teams, and field-level permissions to enforce proper data governance.
- Collaborated closely with clients and cross-functional teams to gather requirements, build POCs, conduct UT, and ensure successful deployments.
- Used Azure DevOps for project tracking, and backlog grooming in Agile environments (Scrum, Kanban).
- Technologies used: Dynamics 365 CRM, Power Apps, Power Automate, Power BI, Azure DevOps, JavaScript, C#, HTML, CSS, APIs, DocuSign

FULL STACK ENGINEER (INTERN)
CLARITY LABS, St-Pierre MU   **2023 – 2023**

- Implementation of an internal system, Super app, to reward CLARITY employees for their good work
- Full maintenance of the Super app (Loyalty App, CLARITY Chatbot, Quiz App & Innovation Hub)
- Received training on Scrum framework & SAP technologies
- Gathered requirements with different stakeholders for the project
- Development of web app version using flutter technology
- Provided support in User Acceptance Testing phase
- Prepared user manual and technical documentation
- Technologies used: Jira Software, Flutter, Dart programming, Google Firebase, Figma

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PERSONAL/ TEAM PROJECTS

Heart Attack Prediction Using ML R&D   **Aug 2024 – Sep 2024**
This research focuses on using machine learning models, specifically Decision Tree and MLP, to predict heart attack risk, utilizing a robust dataset and optimizing performance through hyperparameter tuning and critical feature selection.

Ref: GitHub Link, Medium Link, Kaggle Link 1, Kaggle Link 2

AI & IoT Driven Smart Greenhouse System   **Dec 2023 - Present**
The aim of the dissertation/project is to develop an innovative multifaceted solution (Software & Physical System) to boost resilience and sustainability of agriculture in Mauritius in the face of global warming and changing weather patterns.

Ref: Not Yet Published (Writing Research Paper)

Intelligent Bookkeeping System   **Dec 2023 – Sep 2024**
Developed an Intelligent Bookkeeping System automating sales invoicing, purchase tracking, and stock level updates using UiPath, SQL Server, Cloud Vision AI, State of Art GPT Models and APIs, improving efficiency, accuracy, and real-time data management.

Ref: GitHub Link (Private Repo)

Automated Stockbroker System   **Apr 2024**
Utilizes UiPath Studio and integrates with web browsers and MS Excel to make informed decisions based on the current stock prices and predefined rules.

Ref: GitHub Link (Private Repo)

Intelligent Email Auto Responder   **Apr 2024**

This project aims to automate the response process for incoming emails using UiPath and OpenAI's API. It ensures timely and contextually relevant replies to email inquiries, enhancing customer interaction and satisfaction.

Ref: [GitHub Link](#) (Private Repo)

AI Traffic Light System   **Feb 2023 - March 2023**
Implementation of computer vision to help increase the efficiency of current traffic light system.

Ref: Not Yet Published (Writing Research Paper)

Shortest Path Finder GUI Software   **Jan 2023**
Program that generates all possible paths from a set of randomly generated nodes by permuting them in lexicographic order.

Ref: [GitHub Link](#)

Arduino Greenhouse System Using IoT   **Nov 2022**
Implementation of sensors and Arduino UNO to make greenhouses more efficient and autonomous.

Ref: [GitHub Link](#)

Infinite Loop (Cross Platform 3D Game)   **Dec 2021 - Jul 2022**
A 3D multiplayer role-playing game made with the Unity Game Engine, consisting of multiple levels, weapons, enemy types and items.

Ref: [Itch.io Link](#)

CERTIFICATIONS

Certified Microsoft Power Platform Fundamentals – PL-900	**Jun 2025**
Microsoft Power BI Desktop for Business Intelligence / Udemy	**Feb 2025**
Internet of Things Fundamentals / Great Learning	**Oct 2022**
Artificial Intelligence Fundamentals / Simplilearn	**Sep 2022**
Java SE 8 Programming / EDUCBA	**Sep 2022**
Python Programming Fundamentals / Great Learning	**Aug 2022**
SQL and Relational Databases DB0101EN / Cognitive Classes	**Jul 2022**
SAP S/4HANA ERP Fundamentals / SAP University Alliances	**Apr 2022**

HONORS & AWARDS

Awarded 1st Class in BSc (Hons) Software Engineering / UoM	**Feb 2025**
Awarded 1st Prize in Final Year Project Competition / iQera & UoM	**Dec 2024**
Awarded 2nd Prize in Huawei SAR Innovation Competition / Huawei	**Nov 2023**
Ranked in Dean's Merit List Year 2/ UoM	**Nov 2023**
Ranked in Dean's Merit List Year 1 / UoM	**Jan 2023**
Awarded 3rd Prize in Call for Code Fair Work Case Competition / IBM	**Oct 2022**
Awarded Best Team Player in Smart Farming Competition / IEEE & Huawei	**Oct 2022**
Awarded 1st Prize in FoICDT Logo Competition / UoM	**Mar 2022**