

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

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

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