AAMNA AMER

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TECHNICAL SKILLS & PROFESSIONAL DEVELOPMENT

Python, Power Apps, Power Platform, Dynamics 365, Robotic Process Automation (RPA), SQL Querying, Azure DevOps, Dynamics CRM, Microsoft DataVerse (CDS), Power Automate, Asp.Net, Data Modelling, Advanced SQL Scripting, Azure Analysis Services/SSAS.

EDUCATION

Bachelor of Science, Chemical Engineering with Digital Engineering Minor, University of Calgary, Alberta

RELEVANT WORK EXPERIENCE

Power Platform Engineer - Technical Lead   **August 2023 - Present**
Kraft Heinz
- Designed and developed Canvas Power Apps, Power BI (Dax), Power Virtual Agents, Model-Driven Apps, and M365 modules tailored for manufacturing plants, featuring many-to-many relationships, custom components, & RPA flows.
- Led a team of eight—comprising five developers (both on-site and offshore) and three production support specialists—guiding the creation of architectural diagrams & solution design documents.
- Developed a robust data migration tool via Python and Power Automate specifically addressing many-to-many relationships in Dataverse, enabling rigorous testing of solutions in performance environments using production data.
- Initiated and led the integration of Azure cloud services with Dynamics 365 and Power Platform applications, including creating DevOps pipeline, management of AD groups and roles, and implementing Azure Logic Apps.
- Developed a .NET custom connector for Power Automate, optimizing manufacturing plant operations by automating data flow between IoT sensors and D365.
- Implemented Microsoft Copilot across organizational processes, leveraging its AI-driven capabilities to enhance productivity in document drafting, data analysis, and manufacturing customer support for plant floor personnel.

Business Analyst   **September 2022 to August 2023**
S.I. Systems, Calgary, Alberta
- Created Power Apps with Power Automate (RPA) flows, D365 modules Power Virtual Agent and visualization dashboards integrations for internal and external clients, ensuring smooth and fast delivery of software.
- Developed customized table views for multiple teams using SQL queries in Athena AWS, resulting in increased efficiency and improved data analysis capabilities.
- Leveraged Neural Networks & Multi-Output Regressors Machine Learning to create project staffing plans with budget and project size as inputs and organizational hierarchy as the output.
- Developed lambda functions and AWS glue jobs to ingest data from third-party APIs directly into raw S3 buckets.

Project Systems EIT   **May 2021 to September 2022**
TC Energy, Calgary, Alberta
- Developed Power Apps, RPA flows, and D365 modules that addressed set business requirements from internal stakeholders across business units, including monitoring ECCC emission permits, legal proceedings, and US damage reports.
- Conceptualized statistical analysis of 100+ risk factors associated with capital pipeline projects using Power BI dashboards and RPA flows.
- Implemented Dynamics 365 solutions to enhance project management capabilities, facilitating seamless tracking and management of energy compliance projects and emission permits, resulting in a 20% increase in tracking efficiency.

Software Developer   **May 2020 to May 2022**
AR/VR & Remote Vitals, University of Calgary, Calgary, Alberta
- Led an innovative AR/VR research project developing a Microsoft HoloLens walkthrough for non-verbal autistic children; implemented heart rate, hand, and gaze tracking to monitor comfort levels.
- Designed and launched a therapist-facing website using HTML, CSS, JavaScript, and Node.js for customizable HoloLens lesson plan creation, enhancing therapeutic engagement and custom learning experiences.
- Utilized Dynamics 365 and Robotic Process Automation for tracking patient progress and generating reports, contributing to data-driven therapeutic interventions.

Data Analyst   **May 2019 to May 2020**
Rinvio, Airdrie, Alberta
- Implemented Dynamics 365 PSA and SCM to improve asset management of trucks on the platform.
- Developed and maintained Dynamics 365 dashboards, reports, and RPA flows to provide insights into fleet operations, performance metrics, and COR compliance.