



Summary

Mechanical Engineering graduate and Microsoft Power Platform Developer with a strong foundation in data engineering, process automation, and analytics. Experienced in building secure, low-code solutions using Power Apps, Power Automate, and Power BI, while supporting the full application lifecycle. Skilled in managing Application Lifecycle Management (ALM), integrating with SharePoint, Azure SQL, and Dataverse, and translating business needs into scalable technical solutions. Adept at integrating Microsoft 365 services, creating user-centered applications, and working closely with stakeholders to deliver secure, compliant, and branded business applications that aligned with organizational goals.

Education/Certifications

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| • Texas A&M Kingsville University | Mechanical Engineer | 2009-2014 |
| • Southern Career Institute: | Data Science Certification | 2021 |
| • Microsoft: | PL-900 Certification | 2024 |

Key Skills

- **Microsoft Power Platforms:** Power Apps, Power BI, Power Automate, Microsoft Fabric, Dataverse, SharePoint, SharePoint list, SharePoint Document Libraries, Microsoft 365 admin center, Power Platform admin center, Microsoft Teams
- **Data Bases:** Azure SQL, MySQL, SQLite, Data modeling (Star Schema), Data Management, Configuring Security Roles
- **ETL Tools:** Python, DAX, and Power Query
- **Business Analyst:** Business Process Flows, Lison between Business Unit and Development team, Creating Scope of Works
- **UI/UX:** Figma, HTML, CSS
- **IDEs:** Visual Studio Code, PyCharm

Professional Experience

BA – Power Platform Developer	ATSER	2024 - Present
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Business Analyst

- Leader in the Pre-Discovery Questionnaire (PDQ) phase for onboarding new and existing customers to the new project management software as part of the onboarding team.
- Contributed to the product design of a proprietary AI system currently in the patenting process, including user flows, functional specs, and early-stage wireframes.
- Worked with SMEs to create Scope of Works (SOPs) for developers.
- Collaborating with lab technicians to understand test protocols, data reporting, and compliance with engineering specifications.
- Liaison between business units and the full stack development team to facilitate feature request approvals through a structured process.

Microsoft Power Platform Developer

- **Developed a Feature Request Canvas App** that allows Subject Matter Experts (SMEs) to report bugs or request new features, ensuring their needs are directly addressed by the full stack development team.
- Architected the backend for the Canvas App using SharePoint lists and document libraries to support seamless data management.
- Created and Managed SharePoint sites for document control and project organization, integrating Power BI reports to enhance visibility and decision-making.
- Streamlined custom approval process with Power Automate.
- Handled sensitive business data and proprietary project information while developing internal tools, ensuring confidentiality and compliance with organizational data governance standards.
- Extracted data from Azure DevOps and created Power BI reports to track ticket statuses and custom reports for SMEs

Data Analyst – PowerApps Developer	Bray International	2023 – July 2024
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- Developed a Canvas App for a CapEx project focusing on Non-Inventory Requests.
- Designed the initial data model using Dataverse, later transitioned to SharePoint to mitigate additional licensing costs.
- Created a relational database in SharePoint to optimize data storage and retrieval processes.
- Set up user configurations in SharePoint lists with associated company data.
- Established document libraries in SharePoint for efficient document management.
- Reported progress and updates to business analysts and stakeholders.
- Implemented a manual approval process using Power Automate instant and cloud flows.

- Developed dynamic custom forms tailored to specific project requirements.

CapEx Canvas App Challenges

- Transitioned the backend from Dataverse to SharePoint.
- Handling document data types in SharePoint, as it uses document libraries unlike Dataverse, which is 'file' data type.
- Understood Power apps delegable functions and operations for SharePoint.
- Designed and implemented complex approval processes.
- Meticulously designed the SharePoint database to ensure data integrity and maintain relationships between tables when data is submitted, and power automate flows are running.
- Implemented deep linking to screens in Canvas Apps.

Advanced PowerApps Canvas App Development and Optimization

- Developed complex search and filter functions.
- Configured functionality to view PDFs stored in SharePoint Document Library directly within the app.
- Integrated PDF viewing capabilities in Canvas Apps using Document Library.
- Built complex patch functions to submit documents from custom forms to SharePoint Libraries while maintaining list relationships.
- Utilized Power Automate to parse JSON data.
- Implemented deep linking to specific screens in Power Apps Canvas.
- Created custom editable tables/galleries giving excel table experience.
- Patched and displayed attachments from document libraries to screens.
- Created collections, global variables, and context variables to optimize code and performance

Office Manager/ PowerBI Data Engineer	Remax/Farmers	2017 - 2023
<ul style="list-style-type: none"> • Supported business operations for real estate and insurance, including transactional systems, financial reports, and data modeling – experience in financial services adjacent environment. • Collaborated with clients to prepare loan documentation packages, reviewed profit and loss statements, and ensured accuracy of financial data – supported mortgage approval process in financial services-aligned environment • Responsible for creating an automated system that keeps track of all real estate transactions, insurance sales, leads, and reports. • Provided monthly reports using Power Bi and dashboards to support data-drive decision-making. • Built reporting dashboards and tracked KPIs, sales, and leads. • Used visual studio code, python, and Power Query for the ETL process for data mining. • Created SQL stored procedures, SQL queries as needed, and used Power Bi for sharing and collaboration • Developed applications using PowerApps to help improve the organization of the office • Managed real estate transactions, reviewed inspections reports, negotiated home repairs, and re-negotiated home sales price 		

Key Accomplishments

- Architect the data system, data pipeline, and automated the reports using Microsoft azure, PowerApps, Power BI, Microsoft SQL Server Management, Microsoft Power Automate, and Azure Data Studio.
- Formed an incentive program for sales agents and created a low code app to monitor the sales.
- Developed a lead generator app using PowerApps to keep track of leads.
- Generated a real estate transaction pipeline app using PowerApps.
- Helped formulate quality control system using ASANA software, office 365, and OneDrive cloud.

Sales Agent	Farmers	2016-2017
<ul style="list-style-type: none"> • Delivered excellent customer service and supported client needs. • Organized the infrastructure of the insurance department and tracked goals using Gantt charts. 		

Quality Assurance Inspector	Worldwide Inspection Services	2014 - 2016
<ul style="list-style-type: none"> • Reviewed Purchased Orders (PO), applicable specification's, Material Test Reports (MTR's), Manufacture's Quality Control Plan, and technical reports • Verified that mechanical and chemical properties of materials were within the acceptable range and that all Non-Destructive Testing (DNE) were completed on the MTRs. • Provided technical reports with corrective actions and solutions regarding visual inspections. • Help global supply chain for Oxy Columbia and decision making regarding rejected materials. • Performed visual inspections of materials for traceability, corrosion, total quantity received and for damages caused by workmanship 		