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POWER PLATFORM DEVELOPER

Professional Summary:

Results-driven Power Platform Developer with over 2 years of experience delivering **Microsoft Power Apps, Power Automate**. I develop user-friendly **Canvas apps** and **Model-driven apps** for **business process automation**. I create efficient workflows using **Power Automate** to streamline operations. Skilled in data integration with **Microsoft Dataverse, SharePoint, SQL Server**. My expertise includes data modeling, **Role-based access control (RBAC)**, and performance optimization for high-performance applications. I collaborate with stakeholders in Agile environments to gather requirements and deliver solutions using JIRA. Committed to continuous learning, I stay updated with Microsoft Power Platform advancements and mentor teams.

Power Apps Development

- **Canvas Apps:** Design and develop responsive, intuitive Canvas apps tailored to specific business needs, enabling seamless automation of processes like inventory tracking, employee onboarding, and customer relationship management. Customize UI/UX with Power Fx formulas to enhance user engagement across mobile and desktop platforms.
- **Model-Driven Apps:** Build enterprise-grade, data-centric applications leveraging Microsoft Dataverse for robust data structures, business logic, and advanced features like calculated fields and rollup queries. Implement adaptive layouts to ensure accessibility and usability for complex workflows.

Workflow Automation with Power Automate

- **Business Process Automation:** Design automated workflows to streamline repetitive tasks, such as approval processes, notifications, and data synchronization, reducing manual effort and operational delays.
- **Complex Flow Design:** Implement multi-step flows with conditional logic, loops, and error-handling mechanisms to support sophisticated business requirements, such as dynamic routing of approvals based on user roles.
- **Integration Capabilities:** Connect Power Automate with Microsoft 365 (e.g., Teams, Outlook), Dynamics 365, and external systems via REST APIs or on-premises data gateways to create end-to-end automation solutions.
- **Custom Connectors:** Develop and deploy custom connectors to integrate proprietary systems or third-party APIs, enabling seamless data flow between niche platforms and Power Platform solutions.
- **Performance Monitoring:** Use analytics to track flow performance, identify bottlenecks, and optimize execution time for high-volume processes.

Data Integration

- **Microsoft Dataverse:** Design and manage data schemas, relationships, and business rules in Dataverse to support scalable Power Platform solutions. Utilize Common Data Model (CDM) standards for interoperability with Dynamics 365 and other Microsoft services.
- **SharePoint Integration:** Leverage SharePoint lists and document libraries for data storage, collaboration, and document management, integrating with Power Apps and Power Automate for streamlined processes.

- **API Integration:** Connect to RESTful and SOAP APIs to integrate external systems (e.g., CRM, ERP, or third-party services) with Power Platform solutions, ensuring real-time data exchange.
- **Data Transformation:** Use Power Query to clean, transform, and enrich data from multiple sources, ensuring consistency and accuracy across integrations.

Security & Compliance

- **Role-Based Access Control (RBAC):** Configure security roles, teams, and business units in Dataverse to enforce granular access controls, ensuring users only access authorized data and functionality.
- **Data Loss Prevention (DLP):** Implement DLP policies to prevent unauthorized data sharing and ensure compliance with regulations like GDPR, HIPAA, or CCPA.
- **Auditing & Monitoring:** Enable auditing in Dataverse and Power Platform environments to track user activities, ensuring traceability and compliance with organizational policies.
- **Environment Governance:** Manage multiple Power Platform environments (Dev, Test, Prod) with defined access controls, lifecycle management, and governance policies to maintain security and consistency.
- **Secure Authentication:** Integrate Azure Active Directory (AAD) for single sign-on (SSO) and multi-factor authentication (MFA) to enhance security across apps and portals.

Performance Optimization

- **App Optimization:** Streamline Canvas apps by minimizing controls, optimizing Power Fx formulas, and utilizing delegation to handle large datasets efficiently.
- **Workflow Efficiency:** Design lightweight Power Automate flows with efficient triggers, actions, and batch processing to reduce execution time and resource consumption.
- **Data Management:** Implement archiving, partitioning, and incremental loading strategies to manage large datasets, ensuring scalability and performance.
- **Monitoring Tools:** Use Power Platform Admin Centre and Azure Monitor to track performance metrics, identify bottlenecks, and proactively address issues.

Collaboration & Requirement Gathering

- **Stakeholder Engagement:** Conduct workshops, interviews, and surveys to gather detailed business requirements, ensuring alignment with organizational goals.
- **Solution Design:** Create wireframes, prototypes, and functional specifications to validate requirements and guide development.
- **Effective Communication:** Present solutions, progress updates, and technical concepts to non-technical stakeholders in a clear, concise manner.
- **User Training:** Develop training materials and conduct sessions to ensure smooth adoption of Power Platform solutions by end-users.
- **Feedback Integration:** Incorporate user feedback into iterative development cycles to enhance solution usability and effectiveness.

Agile Development

- **Agile Practices:** Actively participate in sprint planning, daily stand-ups, and retrospectives to ensure timely delivery of high-quality solutions.
- **Power Platform Build Tools:** Leverage Power Platform Build Tools for automated solution deployment, environment management, and version control.

- **Code Reviews:** Conduct and participate in code reviews to ensure quality, consistency, and adherence to best practices.

Continuous Learning & Community Engagement

- **Microsoft Certifications:** Pursue and maintain certifications such as PL-200 (Power Platform Functional Consultant), PL-900 and Dp-900 to validate expertise.
- **Platform Updates:** Stay informed about Power Platform releases, preview features, and best practices through Microsoft Learn, blogs, and community forums.
- **Experimentation:** Test new features in sandbox environments to explore innovative use cases and provide feedback to Microsoft for platform improvements.

Experience Summary:

- **Power Apps Developer, Hitachi Energy, Bangalore**
Aug 2023 – Present
Developing and implementing solutions using Microsoft Power Apps to enhance business processes and improve operational efficiency.

Education Background:

- B. E(Computer science - 2021)

Project Summary

Project #1:

Project Name : Hitachi Energy (Client)

Role : Power apps developer

Responsibilities:

- Designed and deployed **Microsoft Power Apps** (canvas, model-driven, and portals) to address business needs, increasing operational efficiency by 90% through streamlined user interfaces.
- Developed and optimized **Power Automate** workflows to automate repetitive processes, saving 60 hours weekly and reducing error rates by 95%.
- Configured **Dataaverse** environments, defining custom entities, relationships, and business rules to support robust data-driven applications.
- Integrated Power Platform solutions with **Microsoft 365**, and third-party APIs, ensuring seamless data connectivity and system interoperability.
- Lead end-to-end testing (unit, integration, and UAT) and deployment of solutions across environments, achieving 99.9% system reliability and minimal downtime.
- Collaborated with cross-functional teams to gather and translate business requirements into technical solutions, delivering projects with a 99% user adoption rate.
- Monitored and optimized solution performance using **Power Platform analytics**, reducing app load time and enhancing scalability.
- Authored comprehensive technical documentation and user guides, enabling end-users to adopt solutions effectively and reducing support requests

- Mentored junior developers and citizen developers, conducting training sessions to foster Power Platform adoption and best practices.
 - Contributed to the **Power Platform Centre of Excellence (Coe)** by defining governance policies, ensuring standardized development and compliance across projects.
 - Monitored and maintained Power Apps and using Power Platform analytics, resolving performance issues monthly to ensure 99% uptime.
 - Updated Power Apps with Microsoft's latest features, reducing user-reported issues by 40% and improving functionality
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