

SARAT PIRIDI

Power Platform Developer / Consultant / Solutions Architect

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2012-2025



PROFILE

Microsoft Certified Power Platform and Azure Developer & Solution Architect with 13+ years of experience in designing and developing business solutions across finance, energy, retail IT, and software domains. Skilled in implementing solutions for both commercial and government clouds, with a passion for creating robust, cloud-based applications that drive business efficiency.

CONTACTS

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EDUCATION

2017
Governors State University.
MS in Computer Science.

2012
JNTU Kakinada,
B-Tech Computer Science.

SKILLS

- Power Platform
- SharePoint
- Office 365
- Azure
- Dataverse
- MS SQL/ Azure SQL/Oracle
- .NET / HTML
- C# / JavaScript
- Azure AI
- Dynamics 365
- Power Fx

PROFESSIONAL CERTIFICATIONS

	PL-600	Microsoft Power Platform Solution Architect.
	PL-400	Microsoft Power Platform Developer.
	AI-102	Azure AI Engineer Associate.
	AZ-204	Azure Developer Associate.
	70-480	Programming in HTML5 with JavaScript and CSS3.

EXPERIENCESUMMARY

- Actively participated in the Power Platform Development community since 2017 and published articles.
- Worked with **Power Platform Product team** directly as an Ad hoc consultant for many internal multimillion dollar projects at **Microsoft**.
- Worked on award-winning projects and won Best Innovative App 2021 – SVB
- Extensive experience in Agile/Scrum, Test Driven and Domain Driven development.
- Proficient at building Low Code solutions using **Microsoft Power Platform**.
- Experienced in Automating business processes with **Power Automate** (MS Flow).
- Expertise in performing data analysis with **Power BI**.
- Experienced in designing and validating the technical architecture for a solution.
- Working knowledge of **Canvas Apps, Model Driven and Portals**.
- Good knowledge & understanding of **Power platform Administration, Environments, Data Loss Prevention (DLP) and COE**.

SOFTWARE

Visual Studio

Power BI

Azure DevOps

Microsoft Co-pilot studio

Open AI

PowerShell

Azure ML studio

INTERESTS

- Camping
- Reading Books
- Photography on Jungle
- Writing Tech Articles

SOCIAL



[linkedin.com/saratpiridi](https://www.linkedin.com/saratpiridi)



facebook.com/saratpiridi



twitter.com/saratpiridi

EXPERIENCE SUMMARY

- Experienced cloning an existing **Power Virtual Agents classic bot** to a **Copilot Studio**.
- Hands on Experience **Microsoft Copilot Studio** to Create and configure a new **copilot**.
- Expertise in planning & design elements for creating successful **copilots**.
- Configured **copilot** to pass conversations to applications such as **Omnichannel** for **Customer Service**.
- Extracted content from support pages and configure it into **copilot topics** that you can use in conversations.
- **Azure AI Services** for Language service from within a **copilot** with a **Power Automate flow**.
- Created and configured Conversation **plugin's / AI plugin's** & used **plugin actions** in **Copilot studio**.
- Working knowledge & understanding of Azure cloud services like **AAD, Azure App registrations**.
- Experienced in building scheduled / Instant workflows using **Azure Logic Apps**.
- Experienced in rebuilding **SharePoint Designer / Nintex** workflows to Microsoft **Power Automate**.
- Integrated **Azure Application insights** with both Power Apps and Power Automate to capture logs.
- Identified types of reusable components including canvas component libraries and **Power Apps Component Framework (PCF)** components.
- Extensively worked on configuration of Office 365 & **SharePoint Online/ Hybrid**
- Good knowledge & understanding of wherein **SharePoint On-Premises** & Online environments.
- Working knowledge & understanding of **Azure Portal** & **Azure Virtual Machines**.
- Good knowledge On **Azure AI Services** & **Open AI Service**.
- Experienced in migrating SharePoint OnPrem (2010,2013) to SharePoint Online.
- Built Custom Business forms on Power Apps using Canvas approach and Model Driven approach.
- Worked with Power Automate desktop to implement Robotic process automation.
- Integrated **Vision API** and used Custom connectors in Power Automate based OCR workflow.

EMPLOYMENT HISTORY

2025 - Current

Qcells - Hanwah

Senior Engineer (Power Platform Solutions Architect) |Santa Clara, California, USA.

- ❖ Led the architecture and implementation of an Asset Registry Management Tool using Power Apps Canvas App, integrating with Entra ID for SSO, custom APIs, and Dataverse for audit and tracking.
- ❖ Designed and deployed Power Platform Pipelines for CI/CD across Dev, QA, and Prod environments, ensuring secure and efficient solution lifecycle management.
- ❖ Built custom connectors for seamless integration between Power Platform and external APIs such as Qcells' internal Asset Registry and operations systems.
- ❖ Defined role-based access control (RBAC) using Azure AD groups and Dataverse security roles to manage user onboarding and admin privileges securely.
- ❖ Implemented Power Automate Desktop flows for automating legacy data entry processes, improving operational efficiency in document-based workflows.
- ❖ Created automated monitoring and alerting solutions via Microsoft Teams integration for error handling and process status tracking.
- ❖ Developed and enforced DLP (Data Loss Prevention) policies and managed environments for governance, compliance, and security across all Power Platform deployments.
- ❖ Utilized Power BI dashboards for real-time asset tracking, reporting, and stakeholder visibility, leveraging Dataverse as the primary data source.
- ❖ Architected a unified environment management strategy using service accounts, environment variables, and scoped security layers to support scalability and reuse.
- ❖ Collaborated cross-functionally with engineering, QA, customer support, and operations teams to align digital solutions with business needs and ensure user adoption.

2021 - 2025

SVB Financial Group (First Citizens Bank)

Senior Software Engineer (Power Platform Solutions Architect) |Santa Clara, California, USA.

- ❖ Responsible for developing and Designing Command Center and Meeting App (Canvas Apps) on PowerApps service.
- ❖ Led the design and implementation of Power Platform solutions for various teams, resulting in improved operational efficiency and cost savings.
- ❖ Collaborated with stakeholders to gather requirements, define project scope, and develop solution architectures aligned with business objectives.
- ❖ Designed and developed custom Power Apps, workflows, and dashboards to automate business processes and visualize data insights.
- ❖ Implemented data integrations between Power Platform and other systems, ensuring seamless data flow and system interoperability.
- ❖ Provided technical guidance and mentorship to junior team members, fostering a culture of continuous learning and innovation.
- ❖ Worked closely with business stakeholders to understand requirements, prioritize initiatives, and define project roadmaps.
- ❖ Designed and developed scalable and maintainable solutions using .NET, SQL Server, and other Microsoft technologies.
- ❖ Conducted code reviews, performance tuning, and quality assurance activities to ensure solution robustness and reliability.
- ❖ Collaborated with cross-functional teams, including developers, testers, and project managers, to deliver projects on time and within budget.
- ❖ Responsible for setting up required setup for enabling Microsoft Copilot studio copilot for voice capabilities.
- ❖ Used Microsoft Power Automate actions to retrieve data from Dataverse for Teams.
- ❖ Created and configured copilot plugins (Conversational / AI) using Microsoft copilot studio.
- ❖ Provisioned an Azure AI Vision resource to Analyze images and generate a smart-cropped thumbnail.
- ❖ Deployed a Azure AI language resource, and used prebuilt models to Analyze forms by using the General Document, Read, financial, ID, and tax prebuilt models

- ❖ Developed and created business process automation workflows with the Microsoft Power Automate service
- ❖ Configured and supported Power Platform/D365 applications and services.
- ❖ Created Office 365 Developer environment using MSDN developer license for building Mockup and try new features on non-production systems.
- ❖ Partnered with Dynamics Sales team for data migration processes and tenant migration.
- ❖ Developed Dataverse entities including studying current schema, evaluate re-usable entities from Dataverse (Dynamics CE) Standard. entities, Identify and design new entities and attributes.
- ❖ Setup Dataverse(Dynamics 365) Environment - Create CDS DB, Create Entities (as per the design).
- ❖ Published non-prod environment, assign permissions to the Users / User Group participating in testing & Sign-off.
- ❖ Implemented role-based security Dataverse (Dynamics 365).
- ❖ Deployed to Production activities including export package of approved app from non-prod environment,

2019 - 2021

Microsoft

Employer : HexaCorp LLC

Senior Software Engineer (Power Platform Solutions Architect) | Redmond, WA, USA.

Project: XBOT, Unified Premier | Team: Xbox

- ❖ Worked on multiple projects as part of CSS XBOX business process automation initiative.
- ❖ Designed & implemented the solution topology & customizations for existing apps
- ❖ Designed, developed, and deployed custom Power Apps solutions to automate manual processes and streamline business operations, resulting in significant time and cost savings.
- ❖ Created Power Automate workflows to automate repetitive tasks, integrate with third-party systems, and orchestrate business processes across multiple applications.
- ❖ Developed interactive reports and dashboards using Power BI to visualize key performance indicators (KPIs) and provide actionable insights to stakeholders.
- ❖ Implemented Power Virtual Agents chatbots to provide instant support and assistance to customers, improving customer satisfaction and reducing support costs.
- ❖ Collaborated with business stakeholders to gather requirements, define solution architecture, and prioritize development efforts based on business impact and ROI.
- ❖ Conducted code reviews, performance tuning, and optimization activities to ensure the scalability, reliability, and performance of Power Platform solutions.
- ❖ Worked with Xbox Core business teams identify opportunities for component reuse and validate user experience prototypes.
- ❖ Designed & implemented the solution topology application lifecycle management (ALM) processes & data migration strategy.
- ❖ Evaluate Dynamics 365 apps and AppSource options to solve requirements to address functional gaps through alternate solutions.
- ❖ Identified Azure Active Directory groups and App registrations required to support a solution.
- ❖ Designed and configured Dataverse Search, auditing, duplicate detection settings & privacy preferences.
- ❖ Developed and managed Microsoft Power Automate flows and recommended types of flows and flow components including when to use a classic workflow.
- ❖ Created AI Builder models, trained, tested, and published.
- ❖ Consumed AI builder model by using Power Apps & Power Automate.
- ❖ Performed data management tasks including import, export, and bulk detection.
- ❖ Created and managed business units, security roles, users/teams, security.
- ❖ Configure hierarchy security and Azure AD group teams.
- ❖ Implement Microsoft Power Virtual Agents chatbots and publish standalone chatbots to Teams and other channels.
- ❖ identified use cases for RPA desktop flows and implemented RPA on Azure Virtual machines to web scrape legacy web applications to extract data.
- ❖ Created Power BI visualizations, reports, and dashboards and Integrated Power BI with Power Platform components

Project: **LMS System** | Team: **CSS Venture Integration**

- ❖ Worked with Microsoft PowerApps / Power BI Team.
- ❖ Worked on rebuilding Existing Code based solutions to the Power platform.

- ❖ Built Microsoft Flow based workflows for approval, role-based Business processes.
- ❖ Created Custom connectors to integrate third party API's like Creedly & Go1.
- ❖ Used PowerApps canvas approach to rebuild existing Web based LMS tool with Power Apps
- ❖ Used Microsoft Cognitive services for OCR process in Power Apps.
- ❖ Built Power BI based Dashboards for replacing JavaScript / JQuery based Web part dashboards.
- ❖ Used Remote / On Prem Gateways to access Prem Data sources across Power Platform Solutions.
- ❖ Built Microsoft Flow based Scheduler workflows for replacing existing windows scheduler jobs
- ❖ Integrated SAP HR / CRM with Power Apps / MS Flows.

2019 - 2021

Facebook (META)

Employer : HexaCorp LLC

Senior Software Engineer| Menlo Park, CA, USA.

Team: Global Security

- ❖ Responsible for designing and building an internal web community, focused on collaboration, and educating end-users.
- ❖ Provided guidance on the use of Microsoft Cloud technologies based on industry best
- ❖ Responsible for organizing the site content, providing interactive and elegant site design, and administration/security of the sites.
- ❖ Configured and supported SharePoint Online and Office 365 applications and services.
- ❖ Create and configure document management assets (e.g. site columns, content types, libraries and policies).
- ❖ Designed and developed an elegant, user-friendly interface, catalog and organize libraries, lists, views, and web parts based on requirements provided by the team. Administer access levels and permissions.
- ❖ Developed project plans for creating and managing Dataverse entities, ensuring ethics compliance, implemented role-based security, and successfully deployed applications to production environments.
- ❖ UI -Conduct workshops with users to design the UI Mock-ups, Build the hollow model-driven PowerApps App, Sign-off on the flow
- ❖ Developed/Rebuilt existing InfoPath/Nintex based Business forms based custom solutions on Microsoft Power Apps.
- ❖ Developed custom solutions using Microsoft flow to integrate SharePoint with DocuSign and other third-party integrations over
- ❖ REST API.

2018 - 2019

Sempra Energy

Employer : Yashraj Technologies LLC

Business solutions Developer | San Diego, CA, USA.

- ❖ Supported and maintained major intranet environments within the company which involved all the department sites and users.
- ❖ Involved in gathering requirements, analysis, design, development, and deployment of the project.
- ❖ Worked with an offshore team in rebuilding custom applications.
- ❖ Migrated Existing SharePoint 2010 Online Farm to SharePoint Online.
- ❖ Rebuild existing InfoPath based business forms in Power Apps based Custom Forms using canvas approach.
- ❖ Converted existing Nintex Based ON-Prem Workflows to Microsoft Flow based workflows.
- ❖ Designed and developed multi-Level approval/ Scheduled workflows using Microsoft flow.
- ❖ Implemented DocuSign Integration with SharePoint Online using REST API.
- ❖ Developed Custom connectors for integrating Microsoft Flow with DocuSign.
- ❖ implemented Office UI fabric based conditional formatting to replace existing JavaScript based front end solutions.
- ❖ Designed and developed existing PowerShell based Scheduled tasks with Microsoft flow-based workflows.
- ❖ Worked on custom development using SPFX which includes client-side web-parts, Yoeman, GULP SharePoint workbench and visual studio code.

2017 - 2018

BRANDMAN

Web Developer | Irvine, CA, USA.

Team: Information Systems

- ❖ Involved in preparing upgrade and migration plans for upgrading and migrating sites and site collections from existing SharePoint 2010 implementation to new SharePoint 2016/ SharePoint Online.

- ❖ Performed site collection reorganization, upgrade of search configuration, site definition customizations including JavaScript and Style Sheet files and upgrade of custom web parts and custom third-party solutions.
- ❖ Branded website using custom Master Pages and with different page layouts.
- ❖ Migrated Classic Team sites to Modern Team sites.
- ❖ Converted InfoPath Business forms to PowerApps.
- ❖ Replaced SharePoint Designer workflows with MS Flow.
- ❖ Integrated Microsoft Cognitive services (Azure Vision API) with Power apps/ MS FLOW for OCR Process.
- ❖ Integrated Azure active directory for user groups with SharePoint.
- ❖ Developed Custom Connectors using REST API (Swagger standards) Synchronous/ Asynchronous in Microsoft Flow.
- ❖ Designed PowerApps based Business forms using Canvas/Model Driven Approach.
- ❖ Integrated Vision API in Microsoft Flow to Build Custom OCR Process workflow.
- ❖ Integrated ERP (Banner) with SharePoint using Microsoft Flow (On-Prem Gateway)
- ❖ Modified and customized Master pages and content pages using SharePoint Designer 2013 to enable conditional formatting and implement consistent look and feel for corporate SharePoint sites.

2013 - 2016

Deloitte

Senior Software Engineer.

- ❖ Involved in software development life cycle including requirement gathering, developing, and deploying solutions to production,
- ❖ Used client side-object model, (CSOM), by using REST API to access and manipulate data from SharePoint 2010.
- ❖ Configured and customized SharePoint sites, lists, document libraries, pages, content types and web parts using OOB functionality,
- ❖ Used HTML, CSS and JQUERY for branding/ customizing share point sites that is particularly unique for the company.
- ❖ Implemented business connectivity services to extract and display data from SQL server.
- ❖ Implemented custom forms using InfoPath 2010 and published to SharePoint form library.
- ❖ Used visual studio to develop, debug, package, and deploy both sand box and farm solutions.
- ❖ Performed operation on SharePoint data and displayed the data with web parts using SharePoint.
- ❖ Automated sequential workflow and event receivers (synchronous & asynchronous) and deployed as feature using visual studio.
- ❖ Used PowerShell to deploy SharePoint solutions (.WSP) to staging and production environments.
- ❖ Involved in migration from SharePoint 2010 to SharePoint 2010 on premise.

2012 - 2013

NSTL

SharePoint Developer.

- ❖ Assisted users in the creation and management of Team Sites and Site Templates.
- ❖ Created Document libraries to share test results and business documents.
- ❖ Created custom site columns and content types and used them in list and document libraries.,
- ❖ Used HTML, CSS and JQUERY for branding/ customizing share point sites that is particularly unique for the company.
- ❖ Environment/Framework/Tool: MOSS 2007, Visual Studio 2005, .Net 2.0, C#, SQL Server 2005.
- ❖ Ensured seamless communication through effective verbal and written communication skills.
- ❖ Performed data analysis and reporting using excel.
- ❖ Designed and created InfoPath 2007 Forms and changed the compatibility settings of it so they can be accessed from browser.
- ❖ Designed workflows and sends notification to the corresponding user condition and actions with the help of workflow Desi

