**Lakshmi Prasanna Samudrala**

**RPA Automation Engineer**

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**Professional Summary:**

* Over all 4years of experience including RPA Process implementation using **UiPath, Blue Prism, and Microsoft Power Automate along with Chat Bots.**
* Experience in Python, C#, and SQL languages
* Highly Experienced in Multi Bot RPA Architectures and Attended, Unattended Automation
* **Certified as UiPath Advance Developer, Solution Architect, Infra Engineer**
* Hands-on experience in developing BOTS using Blue Prism and managing robot’s workloads using UiPath and Blue Prism Work Queues.
* Implemented UiPath Orchestration authentication using Windows Active Directory.
* Good Knowledge of Kore.AI, Cognitive, and Machine Learning Services in RPA
* Worked closely with business SMEs to prepare **Process Definition Documents (PDD)** and **Solution Design Documents (SDD).**
* Working knowledge of Automation Anywhere for developing front office and Backoffice robots.
* Working on Queue Configurations, Monitoring, Internal **Blue Prism Work Queue Actions**, Exception handling, efficient use of stages, blocks, data types, session, and environmental variables for processing of Business Process diagrams and Process flow charts using RPA tools.
* Developed automated reports like Defect Statistics and Tracking for Weekly and daily status reports of Different Processes.
* Performed stress test for BOT scripts to prove scalability and stability of RPA code.
* Implemented UiPath User authentication by defining user roles, creating users, and setting password policies.
* Expertise with Control Room Resources, Session Management, Blue Prism Calculation functions, and debugging of Process Solutions.
* Experience in **Agile, Waterfall Methodologies** with a clear understanding of Iterative and Evolutionary principle
* Experience **in Power Apps** applications & BI development using the Microsoft Power Platform
* Experience in developing applications in **Power Apps** using Common Data Services CDS, SQL, Flow,
* Good Knowledge in working on SOAP, and REST Web services integrating with RPA
* Extensively worked with ADO.NET objects such as Data Adapters, Datasets, and Data readers to interact with databases like SQL Server.
* Strong experience in all phases of the Software Development Life Cycle with Analysis, Design, Development, implementation, Integration, Testing, Debugging, Production, and Maintenance.
* Worked as tech lead for pilot projects and worked with operations and with SME and LOB to resolve issues

***TECHNICAL SKILLS***

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| **Languages and Scripts** |  Python, C#.Net, CSS, HTML, XML. |
| **RPA Tools** | UiPath2022.10.5, Power Automate, Blue Prism V 5.0/4.2, NICE 7.0, Automation |
| **Analytical Tools** | Alteryx, Python, Power Bi |
| **Microsoft Technologies** | Power Platform, Microsoft .NET Framework 3.0/3.5/4.0, ADO.NET, ASP.NET, LINQ, WCF, WPF, IIS. |
| **Web Services** | SOAP, WSDL, RESTFUL Web Services |
| **IDE/Tools** | MS - Visual Studio 2010/2012, MS - Office, Visio, Automation |
| **Database** | MySQL, MS-SQL Server 2008/2012, MS-Access |
| **Operating Systems** | Windows, Linux. |

**Professional Experience:**

**SPECTRAFORCE/Remote April 2023 to Present**

RPA Solution specialist (UiPath, Alteryx, Microsoft Power Platform)

**Goal:** The goal of this project is to assist the Toyota Finance team in automating various manual processes including inventory management, Audit of the fiscal year data, and dashboards.

**Responsibilities:**

* Developed applications using Microsoft Power Platform components, such as Power Apps, Power Automate, and Power Virtual Agents
* Responsible for developing applications in Python to automate the end-to-end process of data extraction and consolidation.
* Automating the business process and data design and consolidation using Alteryx
* Developed dashboards in Power BI.
* Responsible for maintaining the codebase in Bitbucket and version controlling.
* Conducting code reviews to maintain the coding standards
* Designed and implemented UI path process solution in accordance with standard UI path design principles and conventions
* Done POC on AI Fabric, documentation understanding, and Abby Flexi capture
* Configuring new UI path processes and objects using core workflow principles that are efficient, well structured, maintainable, and easy to understand for further requirements.
* Worked on UI Path Activities like For Each, Switch Activity, Citrix Screen Scraping for Remote Machines, While and Do While Loops, User Prompts, OCR, Error Handling, Break, Try Catch
* Performed stress test for BOT scripts to prove scalability and stability of RPA code
Implemented UiPath Orchestrator for deployment, monitoring, and management of UiPath Robots automation activity
* Implemented VB scripts, PowerShell scripts, and Python scripts for various processes.
* Worked on PDF Processing, Excel Automation, SAP, Service Now applications, and various web-based Applications Automation.
* Training bots to imitate human actions in multiple automation techniques using screen basic Citrix and web records induced in workflows.
* Used Automation Anywhere Object recorder to manage and execute windows controls as a background process.
* Integrate UiPath with Alteryx and ML activities.

**Company: Sunnova, Houston, TX. December 2021 to March 2023**

RPA Consultant (UiPath)- Intern.

**Responsibilities:**

* Developed and Integrated Medium to complex UiPath process to one integrated solution to use of License.
* Worked on UiPath Enterprise RE Framework and its functionalities.
* Created entire infrastructure for client by installing Orchestrator on premises integrating with SQL Server, Web Application Server
* Worked with Assets, Queues in UiPath.
* Managed packages and Managing Environments in UiPath for Automated Solutions.
* Worked Extensively on SSIS as part of RPA Solution.
* Developed process interaction with web API, Jason, XML file formats.
* Creating source and target table definitions using SSIS. Source data was extracted from Flat files, SQL Server and DB2 Database
* Extract Transform Load (ETL) development using SQL Server 2005, SQL 2008 Integration Services (SSIS).
* Created SQL Jobs to schedule SSIS Packages
* Worked with various tasks of SSIS including Transform Data Task, Execute SQL Task, Active Script Task, etc.
* Scheduled the SSIS packages to run at different intervals to load the data.
* Implemented RPA as an ETL service to extract and send data to Amazon S3 buckets.
* Worked on Complex Queries, Stored procedures, and Scheduling SQL Jobs from UiPath.

**Company: iHeartMedia, San Antonio, TX.**

 **Oct 2019 to Nov 2021**

RPA Developer - Intern / Jr.

**Department**: Digitization and Automation

**Environment:** Automation Anywhere .NET, VBA, HTML, XML, CSS, JavaScript, SQL Server, Visual Studio.

**Responsibilities:**

* Involved in designing, developing, and implementing Robotic process automation (RPA) using Automation Anywhere.
* Actively participating in test plan presentation, validating the client requirement, and identifying the various scenarios for automation development.
* Involved in identifying the opportunities to automate manual tasks using Robotics Process Automation (RPA) technology and established a Commercial-wide RPA program to deliver the first software bot in production.
* Performed the practical usage of various Control Room functionalities like Bots, Processes, Assets, Jobs, Schedulers, Logging, Recovery Methods, and Application Credentials.
* Operated various Activities such as For Each, Switch activity, Citrix Screen Scraping for Remote machines, Loops, User prompts, OCR, Keystrokes, Error handling, Break, and Try Catch.
* Worked with mainframe, windows, web application and surface automation. End to end process automation using Automation Anywhere.
* Implemented Web Recorder for automating logging and inserting data actions into browser applications using different Input methods such as Send window messages and Simu late.
* Interacted with different mail services such as POP3, OUTLOOK and IMAP to get the mail messages into folder.
* User authentication by defining user roles, creating user, and setting password policies.
* Unit Testing and Integration testing. Involved in Code reviews to check for efficiency and coding standards.
* Create defects, tasks & new features in JIRA to keep track of issues, software functionality
Worked with Business Analyst in preparing the Process Design Document (PDD) and in identifying the requirements.
* Identify opportunities for improvement in existing processes and automate the process using RPA software Blue prism.
* Automated tasks using a web recorder and scheduled tasks to repeat as per requirements.
* Involved in PDD Sessions and Developed Solution Design Documents along with ODI and PDI.
* Developed objects and processes according to ODI and PDI.
* Scheduling the process and configuring the credentials in different Environments.
* Created Solution Implementation Plan and Operational Handbooks.
* Working on Queue Configurations, Monitoring, Internal Blue Prism Work Queue Actions, Exception handling, efficient use of stages, blocks, data types, session, and environmental variables for processing of Business Process diagrams and Process flow charts using RPA tools.
* Responsible for developing services using .NET and Web API technology.
* Creating solutions on process automation for different Business Applications (Windows-based, Browser-based, Java, and Mainframe).
* Worked on Integrating applications like (Web, Services, Mainframe, MS Office, GUI, Outlook etc.) using workflow and automation tools (Blue Prism).
* Creating and documenting test procedures and scenarios for pre-UAT phases supporting the operational teams during UAT and rollout phases.
* Analyzing the user stories and breaking up the user stories into sub-task with estimation.
* Used various actions like Conditions and Loops, User prompts, Error Logging and commands like Object Cloning, OCR, Key Strokes, etc., for coding the automation process.
* Communicating with Blue Prism on software-related issues, suggested improvements and participated with other users in the Blue Prism community.

**EDUCATION**

* Bachelor from JNTU Anantapur India -2012