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RPA Developer

Professional Summary:

- An enthusiastic **RPA** professional with around **8 years** of IT experience including **5 Years** of **RPA** Process implementation using **UiPath, Blue Prism & Automation Anywhere** and involved in **COE (Centre of Excellence)** & developing software bots.
- Extensively worked on **Waterfall model, Agile/Scrum** software development methodologies for requirement analysis, definition, prototyping, proof of concept, designing, coding, testing and implementation.
- Skilled at evaluating options, generating solutions and well-organized with good time-management skill to complete project on time.
- Hands-on experience in automating Front-office and Back-office process areas involving Web, Desktop, SAP, Mainframe, Citrix, and Windows-based applications.
- Proficient in all phases of SDLC such as Analysis, Design, Development, Integration, Implementation and Maintenance
- Designed, Developed, and tested Bot tasks using RPA **UiPath**.
- Experience in staging and deploying the automation solution into test and live environments.
- Used UiPath Orchestrator for deployment, monitoring, and management of UiPath Robot automation activity.
- Hands on experience in architecting RPA solutions in cloud environments, implementing CI/CD pipelines for deployment automation, automated testing, etc.
- Expertise in automating the process involving PowerApps, SharePoint online, azure.
- Expertise in automating the processes using Microsoft 365 activities and azure Devops activities.
- Efficiently handled monitoring and troubleshooting the studio environment through Orchestrator.
- Communicating with Blue Prism on software related issues, suggested improvements and participating with other users in the Blue Prism community.
- Implemented **Blue Prism** User authentication by defining user roles, creating users and setting password policies.
- Comprehensive exposure in project delivery management and the Development Life Cycle including design of the workflow Plans.
- Involved in managing the robot's workloads using **Automation Anywhere** Work Queues and to identifying and debugging the errors using Error Handlers.
- Knowledge on UiPath studio concepts like debugging a workflow, managing the packages, creating variables, Arguments, control flows.
- Broad knowledge in the entire spectrum of UiPath products - Insight, Automation Hub, AI-Fabric, Document understanding, etc
- Experience with T-SQL, Integration Services (SSIS), Reporting Services (SSRS) and Highly Proficient in working with databases like SQL Server, MySQL
- Created Tableau Scorecards, dashboards using **stack bars, bar graphs, scattered plots, geographical maps, Gantt charts** using Show me functionality.
- Good understanding of Machine learning algorithms like **Logistic Regression, Linear Regression, KNN algorithm/Kmeans clustering, Decision Trees**.
- Good knowledge of data base language like **MySQL, SQL Server**.
- Hands-on experience in Tableau & Python with knowledge of various libraries like **NumPy, Pandas, Seaborn, Matplotlib, Scikit-learn** with proven abilities in the **Software Development Life Cycle (SDLC)**.

- Experienced in working with AA connectivity to Azure Blob Storage, **Azure** Scope Activities, Custom Activities, File Uploads/Downloads
- Experienced with modern activities and created custom activities in UiPath modules.
- Experienced working with various OCR engines like (Google, Microsoft, and Abbyy), document classifiers, Document Understanding, ML extractors, and AI/ML models.
- Experienced in Power automate working with services, triggers, actions, conditions, parallelism, and loops. Run a flow on a schedule, calling custom business services- using approval options, observing flows, team flows – Extending power apps with flow- Extending flow with power apps.

Skill Set:

RPA Tools:	Blue Prism 5.0/6.2, UIPATH
Programming & Scripting Languages:	Python 3.0(Jupyter Notebook), HTML5, CSS3, JavaScript, JQuery, Bootstrap, JavaScript, Angular JS, JSON, AJAX
Reporting Tools :	Tableau, ETL, Power BI, Microsoft excel (Pivot tables), vlookups, UiPath Insights
XML Technologies:	XML, SOAP, Web Services, SDLC, Agile, Scrum Methodologies, Waterfall
Design and Development Tools:	Eclipse, MS Visio and MS Testing Tools
Version control tools:	SVN, GIT, Source Tree
Database Systems:	SQL Server, MYSQL, Hive, Spark
Platforms:	Linux, Windows, Microsoft Power automate

Certifications: -

- Certified Blue prism developer - AD01
- Certified UiPath Associative Developer

Professional Experience:

Client: Speridian Technologies.

Role: Robotic Process Automation Developer

July 2023- Present

Responsibilities:

- working with 4 different end clients with different projects.
- Advanced certified UiPath developer track record that includes the design and release of high quality, high performance, enterprise level software products/applications as a single RPA Developer.
- Working in the team with RPA practice leader and the other Senior RPA Developer.
- Worked with client members for requirement gathering, understanding processes.
- Assisting Development and support teams in resolving technical problems.
- Lead Initiative to build reusable assets and artifacts that can be leveraged across the other projects.
- Working with document understanding projects for numerous pdf forms.
- Provided Operational support for SharePoint online, one drive for business, Power apps and Power automate services.

- Implemented and maintained automations using Microsoft power automate.
- Handled all production issues with UiPath Orchestrator
- Experience in creating dashboards and reports using UiPath insights.
- Interacting more with the clients and gather business requirements.
- Responsible for code reviews, tracking defects, testing and end to end deployments.
- Integrated applications through Rest API's.
- Maintained Source code on GIT repositories.
- Efficiently followed best practices in the projects such as naming conventions Exception handling, log messages, assets etc.

Environment: UiPath 2022.10.4, Rest API Services, SQL server, UiPath Insights, AI techniques such as machine learning, OCR techniques, Document Understanding, Action Center, GIT Hub, Email, Vizio, Microsoft power automate, Power BI, Share Point Online.

Client: Merck sharp &Dohme corp., NJ

Role: Sr.Robotic Process Automation Developer

May 2022- June 2023

Responsibilities: -

- Proficient in all phases of SDLC such as analysis, design, Development, Integration, Implementation and Maintenance.
- Strong user Interface development experience using JAVASCRIPT, HTML, CSS, SWING API and ASP .NET FRAMEWORK.
- Good Understanding of SQL and Experience working with database, oracle, SQL Server and MYSQL.
- Hands-on experience with UiPath: Building bots, pushing to production, full software development lifecycle.
- Developed automations that involved SharePoint online, power apps and power automate.
- Utilized Microsoft Power platform tools (Power Apps, Power BI, Power automate) to create custom solutions for Automation processes.
- Experience working with AWS and Python or machine learning (Python, Sage maker, Dataiku)
- Functional understanding and/or experience deploying/interacting with bots utilizing SAP.
- Strong interpersonal skills, both written and verbal.
- Participated with test teams during the Product test and UAT phases to fix assigned bugs.
- Experience working with API calls and SAP activities.
- Worked in automating processes interfacing Microsoft power apps, Microsoft 365 activities and Azure DevOps activities.
- Experienced creating bots using Azure Activities for connecting the platforms involved in the process and also for file search, uploads/downloads.

Environment: UiPath 2020.10.6, Excel, Email, Rest API, SharePoint, SQL Server, Azure, Vizio, Power Automate-Flow, Microsoft Teams, Power BI, MS Office, Share Point Online, MS Power Automate RPA

Client: Fresenius Medical Care - North America, TX.

Role: Robotic Process Automation Developer

Sep 2020 – April 2022

Responsibilities: -

- Implemented End to End Robotic Process Automation (RPA) using UiPath.
- Implemented selectors for interacting with window and web browsers for continuous navigation of applications.
- Used Data Scraping method for extracting structured data from browser applications or documents into a CSV file or Excel Spread sheet.
- Used image activities with wait conditions to ensure proper website or application loading, to perform certain actions in a loop.
- Used Excel automation for repetitive Excel data entry, appending and for comparing columns.
- Handled exceptions using Try-Catch activity.
- Deployed the process in UiPath Orchestrator and scheduled their execution.
- Configured the Bots and deploying processes and scheduled the jobs in UiPath Orchestrator.
- Understanding & analyzing project requirements and working on them to deliver timely results.
- Responsible for maintaining PDD and SDD.
- Developing scalable and efficient process automation and reusable components that can be leveraged across different processes.
- Implemented Azure Devops for Github repositories and for sprint's planning.
- Implemented Visio for designing the automations for the processes.
- Handled wide variety of projects that includes Document Understanding, Action center and API Callings
- Participated with test teams during the Product test and UAT phases to fix assigned bugs.
- Used Screen Scraping method to extract text from running window application by appropriate output methods such as native, Full text and OCR.
- Created Reports for the business and analytics for the automated processes using UiPath Insights

Environment: UIPATH, AZURE DEVOPS, C# .NET, XML, MS Excel, MS Visio, MS SQL Server 2014, VBO, PowerBI, UiPath Insights

Client: Texas A&M University-Commerce, TX.

Sept 2019 – May 2020

Role: Data Analyst/Python Developer (Graduate assistant)

Responsibilities: -

- Developed visually impactful dashboards using Tableau that aided the faculty in making informed decisions.
- Responsible to build and maintain Tableau dashboards.
- Created action filters, parameters and calculated sets/combined fields/bins/hierarchies for preparing dashboards and Worksheets in Tableau.
- Restricted data for particular users using row level security and user filters.
- Responsible to aggregate data from various sources to construct streamlined data pipelines and integrate data from TAMU multiple systems.
- Responsible to build MySQL queries to migrate large datasets and also conduct data analysis using academic databases to effectively portray the upcoming events. Assisted in development of university websites using web technologies like HTML5, CSS3, Bootstrap, JavaScript and JQuery.
- Experience in python, Jupyter, Scientific computing stack (numpy, scipy, pandas and matplotlib).
- Applied clustering algorithms i.e. Hierarchical, K-means with help of Scikit and Scipy.
- Developed and implemented predictive models using Natural Language Processing Techniques and machine learning algorithms such as linear regression, classification, multivariate regression, Naive Bayes, Random Forests, K-means clustering, KNN, PCA and regularization for data analysis.
- Built a database (MySQL) and front end to complement the PO request database standardizing construction project management.

- Presented data and generated reports to the design team using analytical tools like Power BI and Tableau in order to improve strategies and operations.
- Responsible for building, publishing customized interactive reports and dashboards, report scheduling using Tableau server.
- Responsible to aggregate data from various sources to construct streamlined data pipelines and integrate data from multiple systems.
- Worked extensively on advanced analysis actions, calculations, parameters, background images, dash boarding, trend lines, statistics and tableau calculations.
- Interacted with the existing database developers and DBA to understand the existing schema.
- Create and iterate on solutions and dashboards to empower operational and exploratory analysis.
- Collaborated with product, design, engineering, business groups to formulate innovative solutions to improve feature and content engagement.

Environment: MySQL, Tableau, Python 3.0, HTML5, CSS3, Bootstrap, JavaScript and JQuery, MySQL, Tableau, Power BI, Python 3.0.

Client: Puget Sound Energy, Bellevue, WA.

Sept 2018 – Aug 2019

Role: RPA Analyst/ UiPath (Intern)

Responsibilities:

- Worked on Robotic Process Automation using Blue Prism.
- Preparing demos based on the automation performed and showcase the same to potential internal/external customers.
- Identified opportunity to automate manual tasks using Robotics Process Automation (RPA) technology and established Commercial-wide RPA program to deliver the first software bot in production.
- Worked closely with Process SME's to translate process in to Process Definition Document (PDD) & Solution Design Document (SDD) and educated SME's to work with bots in production.
- Creating solution on process automation for different Business Applications (Windows based, Browser based, Java and Mainframe).
- Experienced in building Blue Prism Processes and Business Objects for various business models.
- Implemented Blue Prism User authentication by defining user roles, creating users and setting password policies. Executed SQL Queries to check the data table updates after test execution using MySQL.
- Experienced in Staging and Deploying the automation solutions into test and live environments and involved in End to End development of Business Process using Robotic Process Automation.
- Created and documented test procedures and scenarios for the pre-UAT phases and to supported the Operational teams during the UAT and rollout phases.
- Took business requirements, current and future state process designs and translated them into process flows and Visual Business Objects within the visual studio and UiPath Orchestrator.
- Good exposure on managing workloads using UiPath Work Queues, Queue Configuration and Internal Work Queue Actions.
- Used Data Scraping method for extracting structured data from browser applications or documents into a CSV file or Excel Spread sheet.
- Used image activities with wait conditions to ensure proper website or application loading, to perform certain actions in a loop.
- Created reports using PowerBI and also provided brief analysis for the processes through UiPath Insights
- Provided Exception handling at each & every possible scenario for a robust error-free development.
- Implemented Blue Prism User authentication by defining user roles, creating users and setting password policies. Executed SQL Queries to check the data table updates after test execution using MySQL.
- Experience in staging and deploying the automation solution into test and live environments and efficiently handled monitoring the processes in Orchestrator.

Environment: Blue Prism 6.4, C# .NET, XML, MS Excel, MS Visio, MS SQL Server 2014, VBO

Client: JPMorgan Chase & Co., Hyderabad, India.

Jun 2017 – Aug 2018

Role: RPA developer

Responsibilities:

- Worked with Business Analysts to Create Functional Requirements Documents (FRDs) for a Robotic Process Automation project (RPA), based on business process design discussions with business stakeholders.
- Experienced in building Blue Prism Processes and Business Objects for various business systems.
- Involved in End-to-End development of Business Process using Robotic Process Automation.
- Worked on Process Definition Document and Solution Design Document.
- Created and documented test procedures and scenarios for the pre-UAT phases. And supported operational teams during the UAT and rollout phases.
- Used Blue Prism Object Recorder to Create and manage solution on process automation for different Business Applications (Windows, Browser based).
- Broke down processes into reusable objects using Object Studio and utilized them to build processes in Process Studio efficiently.
- Designed, Developed and Tested Bots for Tasks using Blue Prism.
- Hands-on experience with visualization tools, such as MS Excel.
- Managed a team of developers in an agile environment.
- Involved in the centralized infrastructure for maintaining several robots across the organization.
- Maintained and the several RPA bots as batch processes on daily basis and ensure quality and high performance to the internal and vendor applications of the organization.
- Involved in Process Management, Defining, Designing, Development and Testing.
- Worked on Integrating applications like (Web, Services, MS Office, GUI, Outlook etc.) using workflow, automation tools (Blue Prism).
- Efficiently handled monitoring and troubleshooting the Blue Prism environment through Control room.
- Provided Exception handling at every possible scenario for a robust error-free development.
- Involved in all phases of Software Development Life Cycle including design, development and creating test cases.
- Experience in staging and deploying the automation solution into test and live environments and efficiently handled monitoring and troubleshooting the Blue Prism environment through Control room.
- Interacted with window application and created an object and interacted all the objects in process studio and created work queue and ran the process in RPA.
- Involved in phases of Software Development Life Cycle of design and development.
- Responsible for identifying the automation opportunities and gathering the requirements.
- Worked closely with Process SMEs to translate process in to Process Definition Document (PDD) & Solution Design Document (SDD) and educated SMEs to work with bots in production.
- Responsible for viewing current state process maps to optimize future state process and wrapped the OID and FRQ content with in the PDD.
- Involved in preparing demos based on the automation performed and showcase the same to potential internal/external customers.
- Actively Identified opportunity to automate manual tasks using Robotic Process Automation (RPA) technology.
- Created solution on process automation for different Business Applications (Window based, Browser based) and managed a team of developers in an agile environment.

Environment: Blue Prism 6.2, C# .NET, XML, MS Excel, MS Visio, MS SQL Server 2014, VBO

Client: ADP, Hyderabad, India.

Dec 2016 – May 2017

Role: Jr. Software Engineer (Intern)

Responsibilities:

- Developed database objects such as Stored Procedures, User Defined Functions, Tables, Triggers, and Indexes
- Used SQL Server reporting services for creating, editing, and scheduling reports
- Created and maintained database objects, created complex Stored Procedures, Triggers, cursors, Tables, Views SQL Joins and Created stored procedures to use as the datasets for the Report Design by SQL Reporting services.
- Created SSIS packages for different data loading operations for many applications.
- Very extensively used SSIS Import/Export Wizard, for performing the ETL operations
- Created and scheduled SSIS packages to pull data from SQL Server and exported to Excel Spreadsheets and vice-versa.
- Developed complex reports, which are migrated from different reporting tools.
- Analyzed the existing application programs and tuned SQL queries using execution plan, SQL performance Monitor, SQL profiler.
- Interacted with developers on various aspects, ranging from usage of utilities to SQL performance, test data and general troubleshooting.
- SQL performance tuning by modifying SQL queries or changing/adding indexes
- Created and automating the regular jobs.
- Prepared the reports for the day-to-day as well as weekly/monthly purposes in various formats like MS Excel, PDF, HTML and XML
- Integrated Stored Procedures to generate the Reports.
- Guided LINQ and Lambda Expressions for information retrieval and manipulating
- Responsible for connecting Database SQL Server to MVC using ADO.Net Entity.
- Excellent analytical, problem solving skills and ability to handle multiple production issues in the project.
- Comprehensive exposure in project delivery management and the Development Life Cycle including design of the workflow Plans.

Environment: MS SQL Server 2008, T-SQL, DTS, MS Access, Flat files, Windows XP

Client: L&T Technology service Ltd, Chennai, India.

April 2016 - Nov 2016

Role: Jr. Software Engineer (Intern)

Responsibilities:

- Development of service tools for image ideal processing
- Development of cross-platform image processing solutions for automatic test systems
- Knowledge of image processing algorithms: encoding / decoding, feature detection and matching, image segmentation and transformation
- Analyses and Modelling
- Correlate and automate software for optimized image processing tuning in the areas of
- In-depth knowledge of and experience in subjective image quality evaluation
- Knowledgeable of image processing techniques
- Maintenance and documentation of the generated code
- Experience using computer simulation software MATLAB.
- Experienced in Mathematical modeling, simulations, and algorithm performance evaluation.

Environment: MATLAB, MS Excel, MS Access, Flat files, Windows XP

Education Summary:

Texas A & M University - Commerce, TX USA.

Master of Science in Business Analytics.

GPA - 3.7/4.0

Course work: Database management, Data warehousing, Business Analytics, Statistical Methods, Advanced Analytics, Mobile Business, Quantitative Analysis for Managers, Environmental Marketing.

Vellore institute of technology (VIT), Vellore, TN, INDIA.

Bachelor of Engineering, Electronics communication engineering.

GPA – 7.8/10.0