

**ABHISHEK - Certified Advanced UiPath & KRYON Developer**

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**PROFFESSIONAL SUMMARY:**

* 8+ year’s Strong experience in the IT industry, hands-on all phases of Software Development Life Cycle (SDLC) on various projects for multinational clients.
* Experienced in implementing the Robotic Process Automation solutions, involved in development, testing, production, and maintenance. Strong knowledge on the architecture of RPA UiPath, KRYON, and Automation Anywhere Tools.
* Hands on experience in designing and implementing of Robotic Process Automation technology in DevOps and Agile - SCRUM methodology.
* Involved in process assessment and feasibility study for RPA implementation by developing Proof of Concept (PoC) and validating it with Proof of Value (PoV).
* Created end to end automated solutions for clients as per requirements which involves feasibility study, development, testing, deployment, and maintenance.
* Created Solution Design Documents (SDD), Process Design Instruction (PDI), Object Design Instruction Documents (OID).
* Worked on Queue Configurations, Monitoring, Exception handling, efficient handling, and efficient use of stages, data types, and environmental variables for processing of Process diagrams.
* Interacted with the Process Analysts from the business to gather the business requirements and finalizing the requirement.
* Experience on UiPath Orchestrator, session management, Queues, Schedules, Jobs, Logs and debugging of process solution.
* Worked on activities using Object Cloning and Manage Web Controls. Experience in using data scraping and screen scraping techniques to extract data from web/browser-based applications.
* Expertise on UiPath Studio concepts like debugging a workflow, managing the packages, creating variables, arguments and control flows and have a good exposure to State Machine.
* Hands on-experience on automating various application such as Mainframe Terminal Emulators, Database, Web, Citrix, Excel, Mail, API’s, PDF’s in UiPath studio (OCR).
* Worked on various quality assurance methodologies such as Waterfall and Agile Methodologies and a solid understanding of the SDLC (Software Development Life Cycle) and STLC (Software Testing Life Cycle).
* Experience on creating Restful services using ASP.Net Web API and Windows Communication Foundation (WCF) Services to communicate with client applications using various secured and efficient transport protocols.
* Experience in back-end development using SQL Server 2014. Expert in developing Stored Procedures, Functions and Complex Queries on SQL server using SQL Server Management Studio.
* Able to demonstrate self-directed approach learning new technologies & pursue professional development.
* Used code repository tools Microsoft Team Foundation Server (TFS), GitLab for version controlling.
* Strong knowledge and work experience in developing web applications using MVC, Web Forms, WC, web API, Entity Framework, HTML, XML, CSS.

**EDUCATION:**

* Master of Science from Texas A&M University- Kingsville.
* Bachelor of Technology from JNTU- Hyderabad.

**TECHNICAL SKILLS**

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| Robotic Process Automation | UiPath (v2017.1, v2018.4.5, v2019.10.3), Automation Anywhere (v9.0), Kryon |
| Language and Scripts | XML, HTML, CSS, VB.NET, ASP.NET, C#.NET, VBA, Restful API, jQuery, JSON, Python |
| Database and Documentation | SQL, PostgreSQL, IBM Db2, MySQL, Oracle DB, MS Access, & Office 365 |
| Cloud Services | Amazon Web Services |
| Project and Test Management | Jira, Team Foundation Server, MS Project |
| Project Delivery | MS SharePoint and SAP ECC 6.0 EHP 7 |
| Diagramming & Vector Graphics | MS Visio and Lucid chart. |
| Operating System | Windows Server 2016,2014, 2012, & 2008 R2, Red Hat Linux ES 4, 5 & 6 |
| Methodology | DevOps, Waterfall Model, Agile – Scrum |

**CERTIFICATIONS ACHIEVED:**

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| **CERTIFICATION NAME** | **CERTIFICATION AUTHORITY** |
| RPA Developer Advanced Certification | UiPath - Robotic Process Automation |
| RPA Developer SAP Automation | UiPath - Robotic Process Automation |
| UiPath Orchestrator 2018.1 | UiPath - Robotic Process Automation |
| KRYON RPA Manager Certification | KRYON Systems |
| KRYON RPA Developer Certification | KRYON Systems |
| KRYON Process Discovery | KRYON Systems |
| KRYON RPA IT Administrator | KRYON Systems |
| AWS Certified Solutions Architect - Associate | Amazon Web Services |
| AWS Certified Developer - Associate | Amazon Web Services |
| Basic Chef Fluency | Chef Certification |

**PROFFESSIONAL EXPERIENCE**

**Sr. RPA Developer (UiPath) June 2020 – Present**

**Kiewit Corp. (Technology Group), Omaha, NE**

**Responsibilities:**

* Involved in end-to-end life cycle of Robotic Process Automation Implementation from process assessment till production support.
* Expert in working with UiPath Studio, Robot, and Orchestrator.
* Automated several processes for various business units within KTG. Impacted applications include – Service Now, SAP, Database, Mainframe, Web, Desktop, Outlook, Rag Ex, Excel, and API’s.
* Expert in implementing Robotic Enterprise Framework and customizing according to process needs.
* Worked with Business Process Analyst and Solution Architects in preparing the PDD and SDD.
* Created Solution Design Document for process extensions for the ones I have worked in previous release.
* Demonstrated the UiPath and RPA capabilities to Business Stakeholders and COO of KTG and KDS in a conference along with Director of Robotic Process Automation.
* Extensively worked on debugging application exceptions in fixing bugs and Production support.
* Performed code review of the workflows developed by peers before deploying in production.
* Point of contact and mentor for Coe team on technical issues.
* Coordinated with UiPath support team during version upgrade of Orchestrator and infrastructure team.
* Used UiPath Orchestrator for scheduling, monitoring jobs, queues, provisioning robots, user activities.
* Developed process guidelines, process development standards and supported senior team lead in creating RPA development best practices.
* Extensively worked on Kabana, Splunk for monitoring logs and building dashboards.
* Created custom activities and re-usable components shared across delivery team in reducing development timelines.
* Performed Unit Testing, System testing, and Integration Testing and Sanity testing. Participated in User Acceptance Testing and tested the test cases of the process.
* Extensively worked on debugging application for fixing bugs and Production support.
* Expert in using Ui Explorer for generating reliable selectors by modifying selectors using wildcards.
* Extensively used API’s and Database as required in processes to reduce Average Bot Handling time.
* Resolved production issues and change management requested by business and delivered use cases before deadline.

**Environment:**UiPath *(v2019.10.3), Citrix, Mainframe, Oracle Client, Service Now, SAP, SSMS, Kibana, JIRA, Clarity, GitLab, VB.NET, Azure, Python.*

**RPA Developer (KRYON) January 2020 – May 2020**

**CARNIVAL CRUISE LINE (CCL), Doral, FL**

**Responsibilities:**

* Efficiently architect, design and implement the end-to-end Robotic Process Automation solutions for a variety of business scenarios.
* Work closely with the process subject matter experts (SMEs) to prepare the Process Definition Document (PDD) & Solution Design Document (SDD) and educate SMEs to work with Bots in production.
* Perform RPA development tasks, transform non-technical business requirements into technical requirements and implement the RPA solution with in-depth knowledge of RPA tools and with best development practices.
* Responsible for deploying the KRYON RPA Tool and configuring the components such as KRYON ROBOTS, Console, Admin and Database servers. Monitor RPA technologies, trends, advancements, and update the architectural standards accordingly.
* Work across multiple teams (internal and external) to make necessary technical tradeoffs to meet the expected performance of the process while ensuring cost and time on the project.
* Validate the requirements and develop the road map to help prepare specifications and documentation according to department standards, code test and integrate applications.
* Worked on Kryon Studio to help robust automation of internal applications and help them on Leo Management Console to manage the Robot workload and access management.
* Implementing robots and automations using RPA tools UiPath and Kryon systems as per industry standards.
* Maintained Log Files and Comfit Files to make task bots more dynamic and to improve scalability.
* Creating plug-ins using C#, python to integrate external and internal API’s into RPA applications.
* Designing Rest Controllers to replace the existing operations layer, which acts as bridge between business layer and the UI.
* Scheduling/Administrating robots and maintaining Active Directory groups using Kryon Admin Console management tool.
* Work across the organization to provide business process and design recommendations consistent with long term business and IT strategy.
* Developing re-usable Robots to integrate in cross platform applications across multiple.

**Environment**: *Kryon Systems (v19.4), ASP.NET, C#, MS Access Database, JSON, Java, Excel, HTML, Visual Studio 2010, Jira, Test Driven Development, Tableau, MS SQL Server*.

**RPA Developer (UiPath) March 2019 – January 2020**

**T-MOBILE, SEATTLE, WA**

**Responsibilities:**

* Performed requirement analysis by gathering both functional and non-functional requirements based on interactions with process owners, stakeholders, and designing, Coding, Testing, Debugging, Documentation and Implementation of Business Process Solutions.
* Involved in identifying opportunities to automate manual tasks using Robotics Process Automation technology.
* Worked on BOT Design, Testing, and Production and identified the design flaws based on service requests and issues.
* Proposing RPA solutions and benefits to new business and influence them to embrace automation journey.
* Worked with SME’s to create Solution Design Documents (SDD), Process Design Instruction, and Object Design Instruction documents.
* Worked on Leo Kryon Web Automation for automating manual processes, modify user interfaces and add process guidance to workflows.
* Facilitated various Automations using Leo Kryon Studio and VB.net that produced exponential results of reducing time and staff, streamlining processes and increasing productivity.
* Handled the BOT inventory and new automation requests while analyzing design feasibility and calculating benefits.
* Responsible for Installing and configuring Orchestrator, Robot and UiPath Studio in the client machines with infrastructure team.
* Experience in activating Robot License for the Machines without Internet Connection by using Manual Activation Process.
* Involved in identifying business process automation requirements and supports creation of solutions for a specific business need.
* Expertise in scheduling, triggering of tasks with advance features of task-queuing technology and deploying tasks in Remote PC's through Citrix Automation.
* Prepared ROI model, project reports, performance specifications for BOTs and delivered presentations for the team.
* Creating and documenting test procedures and scenarios for Pre-UAT phases supporting the operational teams during UAT and rollout phases.
* Provide development and testing support and follow implementation of standards and best practices in alignment with our architecture patterns.
* Ongoing contribution to the automation Practices and Frameworks in order to drive a culture of continuous improvement.
* Work across the organization to provide business process and design recommendations consistent with long term business and IT strategy.
* Developed scalable and efficient process automation and reusable components that can be leveraged across different processes.
* Automated Microsoft Security patch installation using .Net (C#) and PowerShell script.
* Preparing Impact Analysis by analyzing the existing system for automation development. Preparing the design document about the automation process.
* Developed the scripts using different UI elements and created Batch files to execute the Bots without any manual intervention

**Environment**: *UiPath (v2018.4.5), ASP.NET, C#, MS Access Database, JSON, Excel, HTML, Visual Studio 2010, CSS, jQuery, Jira, IBM Notes, Test Driven Development, MS SQL Server*.

**Robotic Process Automation (RPA) Developer (UiPath) January 2018 - February 2019 GEICO, Washington, DC**

**Responsibilities:**

* Involved in complete development of Agile-Scrum Development Methodology and tested the application in each iteration also various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, and testing.
* Performed initial process assessment and leading the effort on developing and deploying reusable assets using automation tools and best practices.
* Responsible for performing Proof of Concepts (PoC) and prioritizing the process across different Line of Business (LOB).
* Created Mapping files for Duplicate Naming’s, Risks available under different coverage’s and coverage codes.
* Worked on UiPath Orchestrator for deployment, monitoring, and management of UiPath Robots automation activity.
* Worked with the SAP Analysts in identifying and defining the requirements and automated various SAP interfaces as per the requests.
* Automated various processes based on input from respective teams in Agile – Scrum.
* Worked with Subject Matter Experts to create PDD and developed SDD. Implemented End to End Robotic Process Automation (RPA) using UiPath.
* Maintained both attended and unattended robot resources, provided centralized robot logs, remote execution, monitoring, scheduling, and work queues using UiPath Orchestrator.
* Implemented various logics in the UiPath Bots using IF, While, Do while and For Each loop.
* Used Excel Application Scope and other excel related activities like Read Cell, Read Column, Read Range, Append Range and Set Color Range for Excel automations.
* Implemented Web Recorder for automating logging and inserting data actions into browser applications using different Input methods such as send window messages and simulate.
* Supported in defining Automation (RPA) strategy for a process involving systems such as mainframes, web services, and service desk.
* Designed UiPath process in accordance with standard design principles and conventions.
* Created framework for the team to develop Bots and overseen seven automations developed by offshore team.
* Collaborated in setting up and maintaining a knowledge sharing library on information about how to implement Robotics & re-usable Bot code. Involved in Troubleshooting & Debugging bug fixes.
* Worked with test teams during the Product test and UAT phases to fix assigned bugs.
* Used JIRA and HP ALM for project management and test management.
* Maintain proper documentation for the solutions, test procedures and scenarios.
* Provide knowledge transfer & assistance to the applications development and support team.

**Environment:** *UiPath (v2018.4.2), SAP ECC 6.0 EHP7, Citrix Xen, Desktop, VB, VBA, Windows, C#, .NET, ASP.NET, SQL Server 2012, XML, HTML, Script, CSS, Jira, Confluence, Remedy*.

**RPA Developer/Analyst May 2017 – December 2017**

**UNITED HEALTH GROUP, Phoenix, AZ**

**Responsibilities:**

* Performed requirement analysis by gathering both functional and non-functional requirements based on interactions with process owners, stakeholders, and designing, Coding, Testing, Debugging, Documentation, and Implementation of Business Process Solutions.
* Worked closely with development team and Business Team to ensure requirements are accurately mapped and suitable for development.
* Designing and developing multiple workflows to automate multiple business processes, web applications and desktop applications using standard UiPath workflow principles.
* Involved in identifying business process automation requirements and supports creation of solutions for a specific business need.
* Participated in Setting up the UI Path development environment (software installation, installation of elated technologies such as logging etc.)
* Worked on Assets, add queue item, get transaction item, set transaction through Orchestrator queues.
* Responsible for creating Bots to automate processes for Front-office and Back-office process areas involving Web, Mainframe, Citrix and Windows-based application
* Using exception handling, defining proper logs and using best practices in workflows to attain error free automation.
* Designing E-mail automation through SMTP, POP3, Exchange, IMAP and outlook techniques according to the requirements.
* Experience in usage of Try Catch Activity for system exception to catch errors.
* Knowledge on advanced automation techniques including Optical Character Reader (OCR).
* Using Excel VBA object to perform operations in excel sheet while taking excel sheet data as input. Worked on Automating Web portal, Excel, PDF, TXT and Email automations.
* Accessing data from multiple file formats like .CSV, .PDF, excel sheets, web pages etc., using multiple scraping techniques like full Text, Native and OCR.
* Developing desktop automations in multiple environments like virtual application automation generally called as Citrix application automation.
* Problem solving issues that arise in day to day running of UI-Path processes and providing timely responses and solutions as required.
* Experience in using UI-Path's Credential Manager for maintaining, securing and retrieving the user credentials.
* Used Excel Application Scope and other excel related activities like Read Cell, Read Column, Read Range, Append Range and Set Color Range for Excel automations.
* Implemented new reporting techniques and facilitated the presentations to the clients.
* Experience in staging and deploying the automation solution into test and live environments.
* Experience in using Elastic Search and Kibana for utilizing log data.
* Creating and documenting test procedures and scenarios for Pre-UAT phases supporting the operational teams during UAT and rollout phases.
* Developed scalable and efficient process automation and reusable components that can be leveraged across different processes.
* Developed the scripts using different UI elements and created Batch files to execute the Bots without any manual intervention.

**Software Developer II (Automation Anywhere)** June’16 – Dec’16

**Credit Suisse, New York, NY**

Responsibilities:

* Worked with the Business Analysts in identifying and defining the requirements.
* Customized the existing automations and added the new business requirements for existing applications.
* Expertise in working on Proof of Concept of various new processes.
* Participating in scrum calls on daily status and enhancements.
* Designed, developed and tested Bot tasks using Automation Anywhere and UiPath.
* Created Bots using Automation Anywhere tool to automate processes for front Office and back office.
* Automating user actions performed through interactions with thin client application in Automation Anywhere.
* Identified and debugged the errors using Error Handlers in Automation Anywhere. Used log file to handle the errors.
* Used String Operation to Compare and eliminate duplicates from the data.
* Worked on different concepts in Automation Anywhere such as Excel automation, Database automation, Error management, Metabots, PDF integration and Data extraction.
* Created out of the box scripts and integrated with UiPath to achieve process automation.
* Experience in using Send Email command to Email reports and errors using UiPath
* Automated tasks using web recorder and Scheduled tasks to repeat as per requirements.
* Responsible for all support related issues for bots developed using UiPath.

Environment: *Automation Anywhere (v9.0), VB, VBA, Windows, C#, .NET, ASP.NET, SQL Server 2012, XML, HTML, JScript, CSS, Jira, Confluence, Remedy Ticketing System, Test Driven Development, JAD Session, As-Is, To-Be Business Process.*

Net Developer July 2014 – July 2015

Blue Start INFOTECH ltd., India

Responsibilities:

* Used OOAD for building applications. Involved in gathering business requirements, analyzing the project and creating Use cases and Class Diagrams.
* Design and developed application using C#, ASP.NET MVC and ADO.NET Entity Framework.
* Developed the data access throughout the application with extensive use of LINQ to SQL and its partial classes using DBML’s.
* Involved in building flexible UI, more user interactive and user-friendly web pages, reusable classes, functions using ASP.NET, VB.NET, AJAX and JavaScript for client-side validation.
* Designed user-friendly interface in ASP.NET web pages using HTML, C# codes, ASP.NET Server Control & CSS3, JQuery, JavaScript.
* Developed classes and interfaces for the Data Access layer using VB.NET, ASP.NET, ADO.NET and SQL 2008 data access library.
* Created automated scripts to verify API WSDLs using SOAP UI.
* Created test planning and participated in execution for API testing using SOAP UI.
* Developed user controls and custom controls, employed Dependency object for custom properties, I-Value converters, events and moved code behind VB.NET implementation to View Models to enable loosely coupling.
* Responsible for production support to fix bugs using WPF 4.0, VisualStudio2010, C#, WPF, VisualStudio2010, NET4.0 and used TFS Build to synchronize sources, compile the application, run tests and release build.
* Officially trained on UiPath to gain knowledge and see the advantages of RPA over Test Automation.
* Participated in Setting up the UI Path development environment (software installation, installation of related technologies such as logging etc..). Worked closely with solution architects to prepare Process Definition Document (PDD) and Solution Design Document (SDD).
* Involved in process assessment and feasibility study for RPA implementation by developing Proof of Concept (PoC) and validating it with Proof of Value (PoV).
* Implemented end to end execution of various processes using attended, non-attended, production, and non-production bots.
* Responsible for creating Bots to automate processes for Front-office and Back-office process areas involving Web, Mainframe, Citrix and Windows-based applications.

Environment: *ASP.NET, MVC, Microsoft Shop (.NET) 4.0-4.5 C#, Classic ASP, C#SOAP, SQL*.

**Junior Software Engineer May 2013 – June 2014**

**ZENQ, India**

**Responsibilities:**

* Involved in analysis of requirement document and system design.
* Developed Web Forms in ASP.NET using C# as code behind.
* Created Master Page for the Header and Footer of the page for consistent look across all the pages and themes for the pages.
* Used ASP.NET Validation Controls throughout the application for the new and existing users.
* Used Grid Views, Custom User Control and other controls extensively.
* Used AJAX controls in the various modules of the project to minimize server round trip and enhance the excellent performance.
* Used ADO.NET for database connectivity, storage and retrieval of the data on SQL Server 2008.
* Used XML Web service to get the user information.
* Used Data - OLEDB to connect to Database bring the Tabular data into Collection.

Environment: *Visual Studio 2010, .NET, C#.NET, ASP.NET 3.5, ADO.NET, XML, Web service, AJAX, SQL Server, SSRS.*