**Parthasarathy Velusamy (RPA, AWS, .NET)**

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# PROFESSIONAL SUMMARY

* **15+ years of experience** in complete **Software Development Life Cycle (SDLC)** process that includes analysis, design, development, testing and implementation of various Web and Client / Server applications using **AWS Serverless, Robotic Process Automation**, and **Microsoft technologies.**
* 6+ Years of experience as Automation Engineer in Finance/Automotive/Automobile Domain.
* Modernized legacy Java automations using **AWS SAM**, **AWS Lambda, API Gateway, ELB, ECS, Glue, Athena, S3, SQS, SNS, Cloud Formation in Python and Java**
* **Created AWS Lambda based REST services using Python** for all downstream automations.
* Created RPA Bots using RPA Tools **(Blue Prism, Ui Path, Automation Anywhere) , BPM Products(Appian).**
* Hands-on experience in AWS Serverless Slack bots, AWS S3 Websites, Artificial Intelligence Bots, G-Suite integration, Dynatrace Monitors , Unix and Powershell Scripts.
* Hands-on experience in **UiPath/Blue Prism** for developing **back office robots.**
* Hands on experience in **Blue prism Application Server setup**, Login Agent Setup and **ID Vault integration**.
* Worked in creating **Appian BPM Process flows** and **API’s** for external applications.
* Worked in Blue Prism control room and UiPath Orchestrator for deploying bots and queues/
* Excellent experience in AWS DynamoDB, Microsoft SQL Server 2014 / 2008R2 / 2005/ 2000, Sybase 12.5/15.5, Oracle 9i.
* Strong front-end UI development using HTML5, CSS3, JavaScript, JQuery.
* Expertise in Visual Studio 2017/2015/2010/2003, ASP.Net Core and MVC 5, C#, VB.NET, ADO.NET, Entity Framework, LINQ ,Angular 7, AngularJS and Visual basic 6.0.
* Expertise in Multi-tier/N-Tier architecture development using Object Oriented Programming (OOP), RESTful API, WCF.
* 7+ years of experience in Manufacturing Domain in Automobile applications, launch support, production support for regular plant activities, direct interaction with business users, plant IE’s and production management team with various plants of Automobile , Powertrain, Assembly and Stamping.
* Agile / KANBAN Practitioner in **JIRA** Tool.
* Strong business understanding of verticals like Automotive Manufacturing and Retail management.
* Experience in UNIX operating system, Cronjobs, AIX scripting.
* Skilled at MS Office tools including **MS Excel, MS Visio and MS Access** with **Excel VBA**.
* Strong knowledge in **Database Design and programming in SQL Server/Sybase using T-SQL.**
* Experience in configuration control tools **Git, TFS**, **CVS, VSS, and Serena Dimensions.**
* Experience Crystal Reports 8.5 **and have exposure in SSRS and SSIS ETL.**.
* Experienced in Query Optimization and Performance Tuning of Stored Procedures, Functions.

# TECHNICAL SUMMARY

| **Certifications** | AWS - Certified Developer Associate  Blue Prism - Certified Developer  UIPath - Certified Advanced Developer  Automation Anywhere - Certified Advanced Professional |
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| **Cloud, RPA , BPM** | **AWS Lambda, API gateway, ECS, AWS Glue, AWS Athena, DynamoDB, AWS SAM**, **S3, SQS, SNS**  **Blue Prism bots, UiPath Bots**, AI Bots, Slack Bots, G-Suite Integration. |
| **Programming Languages** | **Python, Java,** C#, VB, ASP.NET, Excel VBA, UNIX Shell Script, Powershell Script |
| **Business Layer** | RESTful API, WCF, ADO.Net, LINQ |
| **Database** | DynamoDB, SQL Server, Sybase 15.5, Oracle 9i and MS Access |
| **Framework** | .Net Core 2.1, .Net Standard 4.5/3.5, Entity Framework, AngularJS |
| **Web Development** | ASP.NET, Web API, Angular 7, HTML, XML, AngularJS |
| **Development Tools** | Visual Studio.NET 2017/2015/2010/2003, Google Developer tools, IIS |
| **Scripting Languages** | JQuery, JavaScript, XML, Bootstrap and CSS |
| **Project Management Tools** | Git, TFS, CVS, VSS, Microsoft Visio and Serena Dimensions |
| **BI Tools** | SSRS, SSIS and Crystal Reports |

**EDUCATION:**

* **Bachelor of Engineering** in **Computer Science and Engineering**, Raja College of Engineering and Technology, India, (2000-2004)

**PROFESSIONAL EXPERIENCE**

**Tekgente Solutions Inc –** Oct 2019 - Till date

**Client : Vanguard Group – Charlotte, NC– Oct 2019 – Till Date**

| **Client: Vanguard Group** – Automation Engineer | |
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| **Project:** Retail Applications Automation | **Role:** Lead RPA Developer (AWS, Python, RPA, BPM, .NET, Angular 7, Java) |

**Roles and Responsibilities:**

* Modernized legacy Java automations using **AWS SAM**, **AWS Lambda, API Gateway, ELB, ECS, Glue, Athena, S3, SQS, SNS, Cloud Formation in Python and Java**
* **Created AWS Lambda based REST services using Python** for all downstream automations.
* Implemented End to End Robotic Process Automation (RPA) using **Blue Prism/Appian BPM** interacting with Vanguard Funds Web Portal (IE/Chrome) and Mainframe Applications (Rumba Terminal).
* Migrated existing Blueprism bots which were interacting with AWD Portal work queue to **Appian BPM Work Queue**.
* Developed Blue Prism **Custom object** to run **JPath query** on Appian BPM queue Item’s JSON workload.
* Developed **Blue Prism REST Client** Custom object to interact with Appian BPM Web API’s.
* **Setup Blue Prism 6.5.1 Application Server** and Corresponding Microsoft SQL Database server and migrated Blue Prism 6.4 server to Blue Prism 6.5.1.
* Involved in Migrating Blue Prism Credentials to **Centralized ID Vault** and Updating the Bots to get Credentials from ID Vault in a more secure way.
* Used Excel automation for repetitive Excel data entry into Web Application.
* Created Powershell Scripts for Sync Application Server AppID with ID Vault.
* Analyze the feasibility of existing processes suitable for automation.
* Participated in online meetings to demonstrate the capabilities of RPA for on-going projects and potential clients.
* Worked with Business Teams to create **PDD (Process Definition Document)** and developed separate **SDD (Solution Design Documents)**.
* Working closely with different teams in developing processes as per the **technical design document (TDD)** to meet the defined requirements.
* Designed, Developed and tested Bot tasks using Blue Prism.
* Used**/Blue Prism Control Room** for deployment, monitoring and management of Robot automation activity.

**DXC Technologies (formerly known as CSC) –** Jun 2008 till Sep 2019

**Client : JM Family Enterprises – Deerfield Beach, Florida – Mar 2018 – Sep 2019**

| **Client: JM Family Enterprise** – SET/JMA/WOFCO/JMFE Applications – Automation Engineer/Incident Handling | |
| --- | --- |
| **Project:** Operations Application Support | **Role:** Senior Developer ( RPA, AWS, .NET) |

**Roles and Responsibilities:**

* Run book and DR Automation for all the critical applications using RPA Tools (**Blue Prism, UiPath**).
* Creating Slack Bots, AI Bots involving AWS Serverless (AWS SAM, Lambda, API Gateway, DynamoDB, S3 Website) for assisting Operations team.
* Creating Bots and web applications Involving ASP.NET Core , RESTful API , G-Suite, RPA and Slack.
* Implemented End to End Robotic Process Automation (RPA) using UiPath/Blue Prism.
* Developed the objects and workflows as per client requirement.
* Performed tool evaluation and feasibility to help in selecting suitable Automation tool for RPA implementation.
* Worked with Business Teams to create **PDD (Process Definition Document)** and developed separate **SDD (Solution Design Documents)**.
* Analyze the feasibility of existing process suitable for automation.
* Created Bots using Blue Prism and UI Path for Windows application **Screen Scraping, PDF OCR Read and Citrix applications.**
* Used **UiPath Orchestrator/Blue Prism Control Room** for deployment, monitoring and management of Robot automation activity.
* Working closely with different teams in developing processes as per the **technical design document (TDD)** to meet the defined requirements.
* Used **Data Scraping** method for extracting structured data from browser applications into **CSV** file or **Excel** Spreadsheet.
* Used Excel automation for repetitive Excel data entry into Web Application.
* Interacted with different mail services such as POP3, OUTLOOK and IMAP to get the mail messages into folders.
* Creating monitoring scripts for various applications in dynatrace platform, deploys and maintaining them.
* Handling incidents and ensures earliest system restoration possible.

**Client : Fiat-Chrysler – Auburn Hills, Michigan – Jan 2015 – Mar 2018**

**– Chennai , India – Jun 2008 – Jan 2015**

| **Client:Fiat-Chrysler** – Manufacturing | |
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| **Projects**: Problem Found Journal,AMPS Suite of Applications, MEDDS, e-Pressload | **Role:** Onsite Lead/Senior Developer |

## Roles and Responsibilities:

* Developed application using AngularJS, ASP.NET WEB API 2, C#, Entity Framework, LINQ, IIS7.0, SQL Server 2014 and SSIS.
* Designed the Database using Entity Framework, Code first Approach.
* Developed the Web Pages using AngularJS, HTML, Java Script, JQuery, Bootstrap and CSS.
* **Created POC’s using Blue Prism** Windows application Screen Scraping and Posting Excel data into Web Application.
* Created lots of automations Using Excel VBA, AIX Script
* Created Database Objects like Tables, Stored Procedures, Views, Triggers and Defaults.
* Worked as an onsite lead and ensured all phases completed on time with prompt communication between team and Business.

**Saastha Info Tech Pvt. Ltd, Bangalore, India –** Sep 2007 till Jun 2008

| **Client: Sify Technologies Limited** – Forum Micro ERP – Senior Developer | |
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| **Project:** Forum Micro ERP | **Role:** Sr Developer (.NET/SQL) |

**Roles and Responsibilities:**

* Worked with development team to create Application Graphical user interface using C#, ADO.Net, Crystal Reports.
* Created Database Objects like Tables, Complex Stored Procedures, Views, Triggers, Defaults and Functions in Microsoft SQL server 2005.
* Worked with the Business users to extract and generate the reports based on their needs.
* Worked on XML exchanges between handheld devices and Portal.

**Unichem Consultants Pvt. Ltd, Chennai, India –** Dec 2005 till Sep 2007

| **Client: City Group** – Team Lead | |
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| **Project:** SAP Integrated Trial Balance System | **Role:** Team Lead/Sr Developer (.NET/Oracle) |
| **Project:** WE Cards Processing System | **Role:** Sr Developer (.NET/SQL) |

**Roles and Responsibilities:**

* Developed Graphical user interface on Win Forms using VB, SQL.
* Involved in developing web Pages with ASP.NET Web Forms.
* Worked in .NET Remoting to get data from SAP using the interface.
* Designed the database and Created Database Objects like Tables, Complex Stored Procedures, Views, Triggers, Defaults and Functions.

**Innovators India Digital Technologies Pvt. Ltd, Chennai, India –** May 2005 till Dec 2005

| **Client: Premier Technologies** – Developer | |
| --- | --- |
| **Project:** Time Card system | **Role:** Developer (VB, Crystal reports, MS Access) |

**Roles and Responsibilities:**

* Developed Graphical user interface on Win Forms using VB, MS Access.
* Participated in the application deployment in client locations.