**HARINI P**

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# SUMMARY

* Experienced IT Professional with overall **6 years** of experience including **2 years** of experience as a **RPA Developer** using **Blue prism**and 4 years of experience as a **.NET developer**using Microsoft Technologies like .**NET Framework, ASP.NET MVC with Razor Engine, C#, VB.NET, Web Services, WCF, WPF, SQL Server.**
* Experienced in **Software Development Life Cycle (SDLC),** Analyzing & Designing systems using Structured Methodologies.
* Working knowledge on Blue prism for developing **front office Robots** and**back office Robots**.
* Worked closely with Process SME’s to translate into **Process Design Document (PDD)** and **Solution Design documents (SDD)** and SME’s to work with the BOTS in the Production
* Created RPA structure and team along with production support, designed and developed RPA solutions to accelerate Business Processes.
* Experienced in analyzing **business requirements**, current and future state process designs, translating them into process flows and **Visual Business Objects** within the Blue Prism **object studio**, Blue Prism **process studio**.
* Good experience in working with different **spy modes** like **Html, Win-32, Accessibility and Region modes**.
* Having hands on experience with **wait stages**, commands **Excel, database**, Manage Window, controls and **exception handling**.
* Having Good Knowledge of implementing **Surface Automation** and **Image recognition techniques** like (**OCR)**
* Automated routine tasks using Blue Prism, thereby **reducing Manual intervention**.
* Performed tool evaluation and feasibility to help in selecting suitable Automation tool for RPA implementation
* Involved in gathering business requirements, current and future process designs and translated them into process flows and visual Business Objects with in the Blue Prism object studio, Blue Prism Process studio.
* Created **end-to-end automation** solution for clients as per requirement, which involves feasibility study, designing architecture, development, testing and deployment of the automation.
* Involved in process automation collaboration with business users globally to analyze business process, recommended RPA based solutions for the processes, and develop robots using Blue Prism software.
* Responsible for maintaining and designing documents, technical design documents on Automation
* Experienced in software application development using .Net technology **(C#, Asp.Net, Ado.Net)**.
* Experienced working on **waterfall, Agile Scrum** Methodologies.
* Experienced Professional with **MS SQL Server 2014/2012/08/05** RDBMS with in-depth knowledge of **T-SQL**.
* Expertise in database design and developing **Stored Procedures, Functions** Complex Queries on SQL server using SQL Server management Studio
* Good work ethics with **excellent communication and interpersonal skills** and strong **Analytical and programming skills** in using technology to develop effective complex business solutions.

# EDUCATION

**Masters in Computer ScienceGPA: 3.4 / 4 May ’16**

# SKILLS

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| --- | --- |
| **RPA TOOLS** | **Blue Prism, UI Path** |
| Blue Prism Functional Areas | **Initial process Analysis, Process design Document (PDD), Solution Design** |
| Blue Prism Technical Areas | **Object Studio, Process Studio, Surface Automation, Queue Management, Release Manager, Systems Manager, OCR,PDF reader, Excel, Work Queues** |
| Programming Languages | C, **C#**, SQL, HTML5, UML, Java, VB |
| Database | MS SQL Server 2016/14/12/10/08, My SQL, Oracle 11g |
| Framework & Data Access | .NET 4.5, Entity Framework, ADO .NET, LINQ |
| Web Technologies | HTML5, CSS3, JavaScript, jQuery, ASP .NET, REST Web API, |
| Methodologies & Other Tools | Agile(Scrum), Water fall, XML, JSON, Visual Studio, Git Hub |

# CERTIFICATIONS

* MTA -“Software Development Fundamentals” – Microsoft Certified
* MSCA - “Querying Microsoft SQL Server 2012.” - Microsoft Certified

# PROFESSIONAL SUMMARY

# RPA Experience

**Client : Morgan Stanley, New York**

**Duration : September 2017– Till the date**

**Role : RPA Developer**

**RPA Tool : Blue Prism**

***Description:*** Automated two Systems File management (File Management System) which is Morgan Stanley internal windows Application and other system is Rumba the Mainframe application. SSN deletion is the part of file Management operations. The objective is to identify the wrong SSN for the work items. Delete the incorrect SSN if it has zero balance and no financial transactions. If balance is greater than zero and the participants has financial transaction, assign the work items to human. Deployed around 50 bots and 5 processes handling 300 volumes per day. Reduced Manual process for work item from 9 min to 58 Sec.

***Role & Responsibility:***

* Involved in all phases of **Software Development Life Cycle** including design, development and creating test cases.
* Participated in the meetings to demonstrate the capabilities of RPA Process for ongoing projects and potential clients.
* Worked with Business Analyst in identifying, defining and documenting the Processes like Solution design document, Technical design documents, object and process design Instructions
* Created **Functional Requirements Documents (FRDs**) for a Robotic Process Automation project, based on business process design discussions with business stakeholders.
* Interacted with window application and created an object and interacted all the objects in process studio and created **work queue** and ran the process.
* Interacted with window-based application, called the process into the **queues** Created process model for windows-based application using Blue Prism and testing it in the inbuilt **control room** provided by Blue prism.
* Worked on Integrating applications like (Web, Services, Mainframe, MS Office, GUI, Outlook etc.) using workflow, automation tool (Blue Prism).
* Used Application Modular to interact with the external applications and SPY the elements **in HTML, WIN-32, Region and Accessibility modes**. created action used the **internal**VBO and **external VBO** to interact with application like **excel and outlook**
* Assessed in defining **end-to-end** robotic process automation development and strategy.
* Developed the project using **agile methodologies** and Test-Driven Development.
* Created, developed and maintained **MI reporting** of Blue Prism processes in **MS Access and Excel**, SQL
* Analyzed the feasibility of the existing process that is suitable for the automation.
* Implemented new reporting techniques and facilitated the presentation to the clients
* Implemented Blue Prism **User authentication** by defining the **user roles, creating users** and setting password policies.
* Worked on Blue Prism **credential manager** for maintaining, securing and setting password policies.
* Exposure to Blue Prism Single Sign-on implementation using Microsoft active directory
* Used Blue Prism External and Internal VBO’s and **MAPIEx** add on library for manipulation of the mailbox.
* Experienced the **staging and deploying** the automation solution into test and live environments.
* Efficiently handled **Exception Handling**monitoring and troubleshooting the blue prism environment using **control room**
* Managed the tem developers in agile environment.

***Environment:*** RPA, Blue Prism V-5.0, .NET, SQL Server 2014, MS office.

**Client : Dominos, St Louis, MI**

**Duration : November 2016–August 2017**

**Role : RPA Developer**

**RPA Tool : Blue Prism**

***Description:***Dominos is the sixth-largest fast food restaurant chain by number of locations in the world.company have so many machines there we connect that system through Citrix Applications and we will read the information of task manager like how many services are running, performance, App history, Users, details, CPU usage, RAM usage .We get the data from those remote systems on daily basis and copy to excel sheet that data and taking every stage as a snapshot and mailed to Concerned IT Department We got the data of IP addresses from Client as a Excel Sheet we will compare those IP addresses we will update which are unique, which are matched the data and updated in Excel sheet send mail to client.

***Role & Responsibility:***

* Implemented end-to-end robotic process automation using blue prism.
* Worked with the Business Analysts in identifying and defining the process and functional defining documents
* Worked closely with Process SME’s to translate into Process Design Document (PDD) and Solution Design documents (SDD) and SME’s to work with the BOTS in the Production
* Performed tool evaluation and feasibility to help in selecting suitable automation tool for RPA implementation
* Created Solid models by spying all spy modes HTML, Win-32, region, and Accessibility modes using Application Modular
* Created object design Instruction for clear understanding of the activities performed during development. Make sure every step is documented to eliminate the ambiguity
* Broke down the process into reusable objects using object studio and utilized them to build processes in process studio
* Provided Exception handling at every possible scenario for the stages for free development
* Created external Scripts using VBS, VBA and HTA and integrated them to blue prism to achieve process automation
* Performed Stress test for bot Scripts to prove the scalability for the RPA code.
* Experienced in staging and deploying the automation solution into test and live environments
* Extensively worked on debugging application for fixing bugs and Production support
* For developed Applications (or) tools, Preparing the Test cases and User Manuals for future reference, doing the follow-ups for all approvals from client side.
* Attending daily calls with team lead, and preparing the daily report to provide to Management whenever they require.
* Attending the status calls with leadership every weekend

***Environment:*** RPA, Blue Prism V-5.0, .NET, SQL Server 2014, MS office.

**Client : Tyler Technologies, Dallas, TX**

**Duration : January 2016– October 2016**

**Role : RPA Developer**

**RPA Tool : Blue Prism**

***Description:*** Tyler Technologies is a major public-sector software company that is solely based on providing integrated software and technology service to public sector – cities, counties, states and school districts. Odyssey project provides services for different kinds of modules as required by the government entities. Appraisals & Tax division takes care of property taxes being assessed on properties within the county, maintains information about the payments processed, warrants issued, agent activity on the properties, and garnishment information.

***Role & Responsibility:***

* Analyzed and articulated business requirements from user interviews and converted them into technical specifications.
* Analyzed Information, Reported Results, Technical understanding, Promoted Process Improved, Managed Processes.
* As a developer provided End-to-End solution for a Business process using Robotic Process Automation Blue Prism tool.
* Involved in prominent level RPA assessment and Solution designed for a business process.
* Experienced in building Blue Prism Processes and Business Objects for various business systems
* Worked with mainframe, windows, web application and surface automation.
* Implemented Blue Prism User authentication by defining user roles, creating users and setting password policies.
* Experienced in using Blue Prism's Credential Manager for maintaining, securing and retrieving the user credentials
* Reviewed & fixed Business Process Production issues using Blue Prism.
* Involved in managing robot's workloads using Blue Prism Work Queues.

Work individually to ensure both functional and non-functional requirements are met with RPA process.

* Experience in staging and deploying the automation solution into test and live environments.
* Efficiently handled monitoring and troubleshooting the Blue Prism environment through Control room.
* Created, developed and maintained automated MI Reporting of Blue Prism processes in MS Access and Excel, also involved in running this in MS SQL Server using MS Access front-end.
* Analyzed the feasibility of existing process suitable for automation.
* Participated online meetings to demonstrate the capabilities of RPA for on-going projects and potential clients.
* Exposure to Blue Prism, Single Sign-on implementation using Microsoft Active Directory.
* Broke down processes into reusable objects using Object studio and utilized them to build processes in Process Studio efficiently. Provided Exception handling at every possible scenario for a robust error-free development.
* Worked on advanced Blue Prism technology for Web Service, which has reduced 50% development & maintenance effort.  Managing governance & adopting Blue Prism best practice approaches.

***Environment:*** Blue Prism 4.5, .NET, SQL server 2012, Quality Center, windows, excel, Agile Scrum, HTML, CSS, UNIX/Windows, Visual Studio 2015

# Other Experience

**.NET Project:**

**Project Title : Employee Management System**

**Client : Marlabs Inc., Piscataway, NJ**

**Duration : January 2015–December 2015**

**Role : .NET Developer**

***Description:***Marlabs is a consulting Company. Employee Management system is a web-based application used by the Mralabsconsultants. Marlabs Employee Management application keep track of Employee information, Employees status, leaves, salary, PTOs and their assignments

***Responsibilities:***

* Worked on Application to provides access to employees to check their working days, salary and leaves
* Updated website database with content using Entity Framework and created new applicant submissions forms using HTML & CSS and performed client-side validation using JavaScript and jQuery
* Developed a software application to automate manual calculation using ASP.NET MVC, C# and .NET Framework 4.0.
* Utilized the MVC architecture to develop an interactive graphic user interface for ease the client-side maintenance
* Designed test scripts and performed Unit and System tests for the modules and components in the view model
* Facilitated and co-authored the system requirements specification (SRS) Carried out extensive analysis as part of the Analysis team, on the current business process, and system architecture/design, to ensure that the project scope and deliverables can be met.
* Involved in the brainstorming sessions with the team leads and was responsible to document and maintain the functional requirement document (FRD) for the To- Be system.
* Participated in creating the Use Case diagrams, document the test scenarios and test cases using MS Visio.
* Facilitated and participated in the end user presentations and was responsible to coordinate and communicate project scheduling, deliverables and milestones across all groups.

***Environment:*** C#, ASP.NET MVC, Agile, Visual Studio 2008/2010/2012, TFS, Entity Framework, SQL Server 2005/08/2012, MS Visio, MS Office, R Studio,

**Project title : Patient Management Portal.**

**Client : Global Hospital’s, Hyderabad, India**

**Duration : May 2012–June 2014**

**Role : .NET Developer**

***Description:*** Online Patient Management Solution is a unique, in-Office technology platform that automates the capture of prescription information to accelerate approval, ensure greater accuracy, and connect patients to important on-boarding services. The system will send this information to Pharmacy Solutions or other partner for Benefits Verification and the patient's Insurance Company for Prior Authorization processing. The system developed to gain a previously unachieved level of patient awareness of patient services. The system will allow the organization to make contact with these new patients, with their informed consent, to improve both the awareness and use of the services including Complete Savings Card, injection training and Ambassador.

***Responsibilities:***

* Designed UI screens and code using Visual Studio 2010/12, WPF, VB.NET, AJAX, XML and CSS with object-oriented programming techniques.
* Used various features of C# and VB.Net (e.g. reflections, generics, partial classes, LINQ).
* Involved in architectural implementation through code and design using Asp.Net MVC4.
* To retrieve the data in the form of objects and properties, such as customers and customer addresses, without concerning them with the underlying database where this data is stored using ENTITY FRAMEWORK.
* Developed an open-source web application framework maintained by individual developers and corporations to address many of the challenges encountered in developing single-page applications using AngularJS.
* Created & hosted WCF Services and used different bindings, Sessions, Instance management, and concurrency to make it available to different types of clients.
* Used ADO.NET Entity Framework Model as the Data Access Layer (Database First) and implemented the CRUD (Create, Retrieve, Update and Delete) operations, Mapping and executed stored procedures.
* System of transportation management and warehouse that it was available through the web. Rich client application used ASP.Net MVC and Knockout in the software infrastructure.
* Extensive experience in creating rich content Web-Forms, Win-Forms (Windows Forms), Web User Controls, Custom Control, Server Controls, Windows Service and Web Service.
* API, which is the application-programming interface (API) for both the web server and web browser.
* Helping Scrum master to customize JIRA for their requirements.
* Involve in sprint planning, sprint demo and retrospective discussion.
* Designed, developed and involved in writing and maintaining complex SQL Queries, Stored Procedures, Triggers views and User defined function.
* Developed systems using .NET components and implemented the Data Access layers using ADO.NET. Used ADO.NET objects such as data reader, data adapter and dataset for consistent access of the data from data layer.

***Environment:*** Visual Studio 2012, ASP.NET 4.0, C#.NET, WCF, MVC 4.0, SQL Server 2008, ADO.NET, ASP.NET, IIS 7, Silverlight 4.0, N-unit, AJAX, XML, AngularJS, Java script, jQuery, HTML, CSS, WPF, TFS.

**Project Title : Resource Management**

**Company : Digital Insight & Research Pvt. Ltd.Hyderabad, India**

**Duration : June 2011–May 2012**

**Role : .NET Developer**

***Responsibilities:***

* Designed UI screens and code using Visual Studio 2010/12, WPF, VB.NET, AJAX, XML and CSS with object-oriented programming techniques.
* Used various features of C# and VB.Net (e.g. reflections, generics, partial classes, LINQ).
* To retrieve the data in the form of objects and properties, such as customers and customer addresses, without concerning them with the underlying database where this data is stored using ENTITY FRAMEWORK.
* Developed an open-source web application framework maintained by individual developers and corporations to address many of the challenges encountered in developing single-page applications using AngularJS.
* Used ADO.NET Entity Framework Model as the Data Access Layer (Database First) and implemented the CRUD (Create, Retrieve, Update and Delete) operations, Mapping and executed stored procedures.
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* Extensive experience in creating rich content Web-Forms, Win-Forms (Windows Forms), Web User Controls, Custom Control, Server Controls, Windows Service and Web Service.
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* Developed systems using .NET components and implemented the Data Access layers using ADO.NET. Used ADO.NET objects such as data reader, data adapter and dataset for consistent access of the data from data layer.

**Environment:** Visual Studio 2012, C#.NET, MVC 4.0, SQL Server 2008, ASP.NET, IIS 7, Silverlight, AJAX, XML,Java script, jQuery, HTML, CSS, WPF, TFS.