

VASISHTA SAKA

Senior Software Engineer

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PROFESSIONAL SUMMARY:

Results-oriented Software Engineer with 5 years of experience in analysis, design, development, testing, supporting and implementation of RPA bots interacting with applications, databases, and internet. Proficient in a variety of platforms, languages, and tools. Skilled at team collaboration while working independently in remote environments.

SKILLS:

Programming Languages: Python, C++, SQL, VBA

RPA Tools and Technologies: Automation Anywhere (v11.3, v360), UiPath, Postman API

Defect Management : ALM, JIRA

EDUCATION:

2015 - 2019 | Andhra University

Bachelor of Electronics Engineering

ROLES AND RESPONSIBILITIES

- **Business Process Analysis:** Collaborated extensively with business analysts to understand process requirements at Tata Consultancy Services and Innowise, identifying automation opportunities and mapping them to effective RPA solutions.
- **Data Management and Integration:** Automated repetitive tasks involving data extraction, manipulation, validation, and integration with internal systems and APIs. Ensured data integrity throughout the automation process.
- **Testing and Deployment:** Performed thorough unit, integration and UAT testing of developed RPA bots, guaranteeing functionality and accuracy. Successfully deployed solutions to production environments and monitored their performance for stability and efficiency.
- **Maintenance and Support:** Provided ongoing maintenance and support for deployed RPA solutions for multiple clients, addressing issues promptly and optimizing performance to maintain smooth operations.
- **Application Compatibility:** Ensuring that automation bots can interact with a wide range of applications, including legacy systems and those without APIs, can be challenging.
- **Data Manipulation:** Handling data in various formats and ensuring data integrity throughout the automation process.
- **Multi-environment Deployment:** Deploying and managing automation across multiple environments (e.g., development, testing, production) without disruption.
- **UI Changes:** Dealing with frequent changes in the user interface of applications, which may impact the stability of automation.
- **Data Management and Analysis:** Leveraged SQL queries to connect to databases, excel as DB and extract relevant data for analysis and automation. Utilized Python scripting to process and filter data from various sources, including Excel and CSV files, using libraries like pandas, os, numpy, requests, sys etc.. for data manipulation, API calls and filtering.
- **Security and Compliance:** Handling sensitive data securely and ensuring that the automation solution complies with data privacy regulations and security standards.

WORK EXPERIENCE:

Senior Software Engineer (RPA)

• InnoWise (iLink Group Company)

2021- Present

Applications/Technologies Used: SAP, Excel, Interactive Forms, Python, VB Script, Web Application, REST API, Email (SMTP), SQL, Salesforce, UI Automation

Projects:

- **Web Billing (Finance Process):** Developed AA bots to automate invoice processing in the Ariba customer portal. The bot automates data entry, performs comprehensive validations to ensure invoice accuracy (e.g., product codes, tax calculations, shipping addresses), and submits invoices for customer payment. This significantly reduces manual effort and processing time for billing activities, while also improving data consistency and minimizing errors. Additionally, the bot generates an audit file with success and rejection status for tracking purposes.
- **Vendor Portal PO Entry-Bleach(Procurement Process):** Developed a RPA bot to streamline purchase order creation for Bleach. Bot Logs into SAP and retrieves relevant PO information for BleachTech from a designated report. Bot Logs into the vendor's portal and seamlessly populates PO details, eliminating manual data entry. Bot Submits the PO electronically and captures the shipment number as confirmation. Bot Updates the corresponding PO in SAP with the captured shipment number, ensuring data synchronization between systems
- **Rental Contract Termination :** Developed a RPA bot to significantly expedite and streamline the rental contract termination process. The bot seamlessly integrates with Salesforce, automatically identifying cases related to contract termination. It then extracts the contract number from each case and uses it to log into a designated contract management portal. Once inside, the bot retrieves and verifies crucial contract details like the period and length. By leveraging pre-defined termination criteria, the bot automates the decision-making process, approving or rejecting termination requests efficiently. This solution minimizes manual effort, ensures accuracy by eliminating human error, and expedites the overall contract termination process.
- **End User Consumption:** Developed a RPA bot to automate complex end-user compensation calculations. It validates consumption data and applies regional rules, ensuring accurate and efficient compensation for the sales team.
- **Vendor Portal PO Entry-DSM(Procurement Process):** Developed a RPA bot to create purchase orders for DSM vendors. The bot automates the entire process, including extracting data from a designated SAP report, populating the vendor portal with PO details, submitting the PO electronically, capturing the confirmation Sales Order Number, and updating the corresponding PO in SAP with the confirmation number and attached PDFs. This eliminates manual data entry, ensures data synchronization between systems, and significantly improves the efficiency of PO creation for DSM vendors.
- **Bid Sheet Entry (Operations Process):** Developed a RPA bot to automate bid sheet data entry into Salesforce. This bot streamlines the process for the customer solutions sales support team by automatically reading bid sheet information from an input file. Key details like neXprice, consumption data, and competitor information are extracted and populated into Salesforce, enabling faster and more accurate data processing for data-driven decision making. This eliminates manual data entry tasks, saving the sales support team valuable time and ensuring data consistency within Salesforce.

System Engineer

- **Tata Consultancy Services**

2019-2021

Applications/Technologies Used: Web Applications, Metabots, Macros, Oracle Database, Email (SMTP), SQL, Excel as DB, UI Automation

Projects:

- **Pay In Data Bot (BFSI Domain):** Created an RPA bot to automate high-volume data entry for pay-in data processing in a BPO setting. Designed robust data validation rules to guarantee the integrity of financial data.
- **Internal Payment Batching (BFSI Domain):** Developed an RPA bot to automate internal payment batch. The bot extracts payments from various internal systems, groups them based on predefined criteria, and generates a consolidated file for downstream tasks like dashboard creation, enhancing efficiency and accuracy.
- **Pay In Cash Bot (BFSI Domain):** Developed an RPA bot specifically for cash receipt processing in a BPO environment. Implemented custom validation checks for cash data.

CERTIFICATIONS

- Automation Anywhere Advanced RPA Professional certification (v11 & v360)
- UiPath RPA Developer
- Bot Developer (Badge) - Automation Anywhere RPA Developer
- Python certification from Coursera

DECLARATION

I hereby declare that the information mentioned above is true to the best of my knowledge.