

AKHIL CHINTHALAPUDI

RPA DEVELOPER

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PROFESSIONAL SUMMARY

Result-driven and detail-oriented **RPA Developer** with **4+ years of experience** in designing, developing and deploying end-to-end automation solutions across **banking, healthcare, staffing and operations domains**. Proficient in building scalable bots using **UiPath**, with strong integration experience across platforms like **Salesforce, SAP, Oracle, SQL Server, SharePoint and ServiceNow**. Adept at handling **API integrations (REST/SOAP)**, managing secure credentials using **CyberArk and Credential Manager** and aligning automations with **SOX** and **PCI DSS** compliance standards. Hands-on expertise in scripting with **VB.Net, Python and Regex**, developing automation logic and optimizing performance. Skilled in **Agile/Scrum methodologies**, using tools such as **Jira, Jenkins, Git** and managing deployment pipelines. Exposure to **AWS services (S3, EC2, Lambda)** for cloud automation integration. Strong understanding of **SDLC**, process design documentation (PDD/SDD) and cross-functional collaboration with QA, Infra and business stakeholders.

TECHNICAL SKILLS

- **RPA Tools:** UiPath Studio, UiPath Orchestrator, Automation Anywhere, Blue Prism
- **Programming Languages:** Python, VB.Net, C#, JavaScript (basic), SQL, JSON
- **Frameworks & Libraries:** Regex, Python Scripting, PowerShell, .NET Framework
- **API/Web Services:** RESTful APIs, SOAP Web Services, Postman, Swagger/OpenAPI, OAuth2, JWT Authentication.
- **Cloud Platforms:** AWS (EC2, S3, Lambda, IAM, CloudWatch), AWS CLI, Boto3 (for cloud automation integration)
- **Databases:** MySQL, PostgreSQL, SQL Server, Oracle, MongoDB
- **DevOps & Tools:** Git, GitHub, Jenkins, Docker, Azure DevOps, Linux/Unix, UiPath Robot
- **Testing:** UiPath Testing Framework, Selenium, Postman, Unit Testing (Python, VB.Net)
- **Deployment & Automation:** UiPath Orchestrator, Jenkins Pipelines, GitHub Actions, Shell Scripting, cron jobs
- **Data Processing & ETL:** Excel, CSV, Pandas, NumPy, Data Validation, Data Cleaning, Excel Macros, Power Query
- **Other Tools:** Jira, Confluence, ServiceNow, Agile/Scrum, Notion, Visual Studio Code, Slack, Zoom

WORK HISTORY

Debug Technican | Jabil | Florence, Kentucky

Apr 2025 – Present

Responsibilities: -

- Diagnosed and troubleshoot test failures in electronic assemblies using oscilloscopes, multimeters, and ICT systems.Utilized skills in high-speed manufacturing environments to restore defective units, minimizing downtime and improving yields.
- Maintained and repaired ICT fixtures, performing probe replacements and socket adjustments under ESD-compliant protocols.Operated within cleanroom and semi-automated environments to ensure fixture reliability and consistent test results.
- Debugged analog, digital, and mixed-signal PCBs using boundary-scan techniques, TestJet, and component-level diagnostics.Isolated root-cause failures such as shorts, pin issues, and voltage errors using firmware and hardware tools.
- Interfaced with SQL Server and Oracle databases for real-time log capture and traceability in test operations. Integrated machine-level data with backend systems to support accurate reporting and failure analysis.
- Configured secure credential management using CyberArk and Windows Credential Manager to meet SOX and audit standards.Implemented security best practices in environments handling sensitive production data and debug tools.
- Developed repair logs, test documentation, and SOPs to support standardization across shifts and audit readiness.Authored runbooks and knowledge base articles used by technicians to enhance workflow efficiency and compliance.
- Developed repair logs, test documentation, and SOPs to support standardization across shifts and audit readiness.Authored runbooks and knowledge base articles used by technicians to enhance workflow efficiency and compliance.
- Supported yield improvement initiatives by analyzing defect patterns and test coverage gaps.Collaborated with quality and engineering teams in Six Sigma-focused environments to implement corrective actions.

- Handled production escalations via Jira and ServiceNow, providing first-level support for test failures and debug anomalies.
- Managed debug station software, updated diagnostic drivers and tools across staging and production systems. Worked across Linux and Windows platforms in a cross-functional test environment with server and component-level diagnostics.
- Mentored junior technicians on debug procedures, safety, and test station maintenance across 12-hour shifts. Enabled smoother shift transitions and increased team capability through targeted cross-training initiatives.

RPA Developer | Key Bank | Cleveland, OH

Dec 2024 – Apr 2025

Responsibilities: -

- Designing end-to-end **RPA workflows** in **UiPath Studio**, automating onboarding by extracting and validating data from **SharePoint**, **SAP** and **Salesforce**, using **VB.Net**, **C#** and **Regex** for dynamic and flexible data handling.
- Integrating **UiPath bots** with **AWS S3** for secure document storage and used **AWS Lambda** to enable event driven automation tied to critical loan application lifecycle stages, improving processing efficiency
- Applying **transaction logging** to build scalable and exception-resilient bots, seamlessly interfacing with **Oracle & SQL Server** databases for accurate data management, real-time updates and consistent reporting.
- Configured secure credential handling using **CyberArk & Windows Credential Manager**, ensuring full compliance with **PCI DSS** audit requirements while enhancing security posture across enterprise automation environments.
- Following **Agile** and **Scrum methodologies**, leveraging **Git** for version control and **Jenkins** for **CI/CD** automation pipelines, while managing support requests, incidents and production issues through **Jira & ServiceNow**.
- Building scalable, reusable automation solutions using **UiPath Studio**, **Orchestrator** & **REFramework**, automating high-volume business processes across platforms including **SAP**, **Salesforce**, **SharePoint** & **Microsoft Office** suite.
- Developing API integrations using **REST & SOAP protocols**, enabling seamless real-time communication between bots and external services, enhancing data synchronization and transaction automation.
- Utilizing Python scripting and Regex for intelligent document processing, classification and text analytics within RPA flows, strengthening automation logic and improving exception handling and data parsing accuracy.
- Managing bot infrastructure using **AWS EC2** instances for staging and **QA environments** and implemented cloud-based scheduling using **AWS Lambda** to autonomously trigger **bots** based on event-driven conditions.
- Preparing detailed technical documentation including **PDDs** and **SDDs**, performed test case design, conducted defect triage and ensured full adherence to the **Software Development Life Cycle (SDLC)** during development.

Environment: VB.Net, C#, Python, Regex, AWS (S3, Lambda, EC2), SQL Server, Oracle, Salesforce, SAP, SharePoint, MS Office Suite, REST APIs, SOAP Web Services, Git, Jenkins, Jira, ServiceNow, CyberArk, SOX, Agile, Scrum, SDLC

RPA Developer | CSL KOP | India

Mar 2021 – Jun 2023

Responsibilities: -

- Designed automation performance dashboards using **UiPath Insights** and **Power BI**, allowing stakeholders to monitor bot efficiency, error rates, and **ROI metrics** in real-time.
- Conducted process assessments with business users to identify automation candidates, performed complexity analysis, and built automation feasibility reports to guide project prioritization.
- Deployed unattended robots in virtual environments (**VDI/Citrix**), configuring high-availability settings and asset management through **UiPath Orchestrator** for non-stop operations.
- Facilitated **RPA Center of Excellence (CoE)** initiatives by contributing best practices, reusable libraries, and governance models, promoting standardization across automation teams.
- Conducted RPA training and knowledge-sharing sessions for junior developers and non-technical users, improving team skillsets and fostering a self-sufficient automation culture.
- Supported change management by creating rollback procedures and validating bots during regression testing, ensuring continuity during **SAP** and application version upgrades.
- Developed **queue-based**, rule-driven decision workflows with dynamic data routing for high-volume transaction processing, enhancing scalability and throughput.
- Integrated bots with internal ticketing systems and chatbots to automatically respond to **L1 support** queries and reduce manual workload for the IT helpdesk team.
- Collaborated with infrastructure and cybersecurity teams to provision secure VM environments, configure group policies, and ensure compliance with enterprise RPA deployment standards.
- Ensured compliance with data protection and governance policies by integrating automation workflows with enterprise **DLP tools** and encryption standards.

Responsibilities: -

- Developed bots for payroll processing automation, extracting employee data from **SQL Server**, applying business logic using **Excel** and updating HR dashboards and **SAP HCM** with accurate financial summaries.
- Created reusable automation components with **REFramework**, implementing robust **error handling** and **retry logic** for compliance tracking, audit trail generation and documentation workflows.
- Integrated **UiPath automation flows** with **Outlook** and **Microsoft Office**, enabling efficient bulk email parsing, attachment extraction and data entry into structured Excel and Word formats.
- Collaborated with **QA** and **business teams** in **Agile Scrum environments**, leveraging **Jira** for sprint planning, user story tracking and managing **UiPath Orchestrator** deployments and post-deployment validations.
- Developed and deployed **UiPath bots** using **Studio**, **Orchestrator** and **REFramework**, automating core business workflows across departments such as **HR**, **Finance** and **Operations** to reduce manual effort.
- Automated the end-to-end employee onboarding process using **UiPath Studio**, covering ID generation, background verification and provisioning of user accounts across enterprise systems like **SAP** and **SharePoint**.
- Built and implemented **REST API** and **SOAP service integrations**, retrieving live employee data and policy updates from third-party systems, enhancing cross-platform data exchange and automation scalability.
- Applied **Python scripting** and **Regex** inside **UiPath** for log parsing, data transformation and intelligent document classification to support complex automation use cases and improve exception handling accuracy.
- Managed source code control and **CI/CD pipelines** using **Git** and **Jenkins** and configured **Credential Manager** to securely manage sensitive credentials across bot executions.
- Prepared comprehensive documentation including **PDDs** and **SDDs**, maintained full **SDLC** compliance and handled issue resolution and service requests through **ServiceNow** and **Jira** platforms.

Environment: UiPath Studio, UiPath Orchestrator, REFramework, VB.Net, Python, Regex, SQL Server, SAP HCM, Outlook, SharePoint, MS Office Suite, REST APIs, SOAP Services, Git, Jenkins, Jira, ServiceNow.

EDUCATION

- Master of Science in Information Technology from University of Cincinnati – USA.

CERTIFICATIONS

- Microsoft Certified: Power Platform Fundamentals (PL-900)
- RPA Developer Advanced Training: UiPath Academy.
- UiPath Certified AI Associate: UiPath Academy (In Progress)
- Ethical Hacking (University Workshop) – IIT Mumbai.
- Embedded Systems (APSSDC Workshop).
- UiPath Certified Automation: UiPath Academy