

Ashwin Ashok

IA TECHNICAL LEAD | UIPATH CERTIFIED PROFESSIONAL

UiPath Solution Architect Certified Developer with 6.5+ years of experience designing scalable, enterprise-grade automation frameworks across healthcare and finance domains. Specialized in REFramework customization, high-volume queue orchestration, parallel execution optimization, and API-driven integrations. Delivered over 100 production ready automations and 114-test case automation while mentoring developers and standardizing reusable components for enterprise deployment.

WORK EXPERIENCE

TECHNICAL LEAD, SPERIDIAN TECHNOLOGIES
OCT 2019 - PRESENT

- Delivered **90+ production-grade Healthcare automation solutions**, supporting Revenue Cycle Management, Prior Authorization workflows, Notice of Admissions, Claim Denials, Managed Care Payor Policy and Credential Management.
- Designed an AI-powered Healthcare Contract Comparison solution using Anthropic Claude.
- Currently working on migrating bot dependencies from Shared Drive to SharePoint
- Led the organization's **first UiPath Test Automation initiative**, architecting and implementing a modular test framework and developing **114 automated test cases** across Oracle Fusion Finance modules (Accounts Payable, Fixed Assets, General Ledger etc.), improving regression coverage and release confidence.
- Customized **UiPath REFramework** to enable dynamic state handling, structured exception taxonomy, and optimized retry mechanisms for high-volume queue-based transactions, improving process resilience and operational stability.
- Designed and standardized **reusable component libraries and Object Repository structures**, enhancing maintainability, reducing duplication, and accelerating development across multiple automation projects.
- Managed **enterprise-level Orchestrator administration** across multiple folders and environments, including queue governance, asset management, unattended runtime configuration, and trigger orchestration to ensure reliable production deployments and SLA adherence.
- Implemented automation solutions using both **Legacy and Modern UiPath Document Understanding**, extracting structured data from banking invoices and integrating validated outputs into downstream database systems.
- Integrated **REST APIs and UiPath Orchestrator APIs** to enable secure system-to-system communication, background data exchange, and enhanced automation extensibility beyond UI-based interactions.

CONTACT

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TOOLS

- UiPath (REFramework, Test Cloud, Orchestrator, Document Understanding)
- Automation Anywhere

PROGRAMMING/TOOLS

- C#, VB.Net, VBScript, Python
- Anthropic Claude
- SQL, MySQL
- GIT

DOMAINS

- Healthcare
- Finance & Accounting
- HR

CERTIFICATIONS

- [UiPath Automation Developer Professional](#)
- [UiPath Automation Solution Architect Professional](#)
- [UiPath Software Testing Engineer Professional](#)
- [UiPath Test Cloud Architect Professional](#)
- [UiPath Agentic Automation Associate](#)
- [UiPath Agentic Automation Professional](#)

EDUCATION

Toc H Institute of Science and Technology,
Kerala

Aug 2015 – May 2019

Mechanical Engineering, APJ Abdul Kalam
Technological University
CGPA: 72.3%

PROJECT HIGHLIGHTS

AI-Driven Executive Summary

Role: Lead Developer & Solution Architect | Client: MercyHealth

Designed and implemented an AI-powered sentiment intelligence solution leveraging Anthropic APIs to transform unstructured cross-departmental employee feedback into structured, executive-ready summaries for Vice Presidents across business units.

- Engineered prompt design and response validation logic to ensure consistency, reduce hallucination risk, and maintain structured executive-level insights.
- Implemented API integration, error handling, and response parsing within UiPath workflows to enable reliable and repeatable AI-assisted summarization.
- Reduced manual review effort for HR team from 4-5 weeks of manual effort to just four minutes and enhanced leadership visibility into organizational sentiment trends through automated consolidation and summarization.

AI-Driven Healthcare Contract Comparison

Role: Lead Developer & Solution Architect | Client: MercyHealth

Designing and implementing an AI-powered contract comparison solution using Anthropic APIs to analyse unstructured healthcare agreements and generate structured outputs highlighting omissions, additions, and modifications. Enhances decision-making by embedding contextual inferences directly into source documents for executive review.

- Designed prompt and response validation frameworks to ensure consistency, minimize hallucinations, and deliver reliable, executive-ready insights.
- Integrated Anthropic APIs within UiPath workflows, including robust error handling and response parsing for scalable, repeatable automation.
- Reduced manual review effort for Managed Care leadership, improving clarity, turnaround time, and visibility into contract negotiations.

Revenue Cycle Management Automation

Role: Lead Developer & Solution Architect | Client: MercyHealth

Led end-to-end design and development of enterprise-grade Revenue Cycle Management (RCM) automation workflows supporting Prior Authorization, claim denial submissions, Notice of Admission and multi-payer portal user access provisioning (UnitedHealthcare, Availity, Cigna, etc.).

- Collaborated with business stakeholders to translate RCM operational requirements into scalable automation solutions deployed in production environments.
- Architected unattended, queue-driven automation processes to handle high-volume healthcare transactions with structured exception handling and retry mechanisms.
- Designed enterprise-ready automation across 21 payer portals, improving onboarding efficiency and reducing manual configuration effort.
- Implemented robust logging and monitoring strategies to ensure production stability and SLA adherence.

Oracle Fusion Test Automation Framework

Role: Lead Developer & Solution Architect | Client: The Trade Desk

Architected and implemented an enterprise-grade UiPath test automation framework for Oracle Fusion Finance modules across US and UK regions, covering Accounts Payable, Fixed Assets, General Ledger, Accounts Receivable, and Intercompany workflows.

- Designed a custom test framework as per client's request with standardized Object Repository structures and environment-specific configuration management.
- Used Test Queues to manage test data and developed 114 automated regression test cases, significantly increasing release coverage
- The automation rollout contributed to an estimated 5 FTE reduction in manual regression effort, as assessed by business stakeholders.

- Implemented robust exception handling, logging, and reporting mechanisms to improve test traceability and production reliability.

Additionally, engineered an invoice template validation automation to compare UAT and Production document templates, generating a structured comparison workbook with percentage-based similarity scoring to detect release discrepancies and minimize post-deployment defects.

Hyper-Optimized Document Migration Automation

Role: Lead Developer & Solution Architect | Client: New York Energy Research and Development Authority (NYSERDA)

Architected and implemented a high-performance UiPath automation solution to migrate 200,000+ project documents from the Uplight online project management system to on-premise storage infrastructure.

- Designed a parallelized extraction architecture using Parallel For Each to maximize throughput across 5 unattended runtimes.
- Leveraged HTML Agility Pack for structured link parsing and implemented browser API-based background downloads to reduce UI dependency and improve execution speed.
- Engineered fault-tolerant retry logic and structured logging to ensure stable execution across large-volume transfers.
- Completed full migration within 7 days, eliminating an estimated 3+ months of manual effort.

Achievements & Recognition

- **Global Most Valued Player (2024)** – Recognized for technical leadership and successful delivery of high-impact onshore automation initiatives.
- **Most Valued Player (2023)** – Awarded for outstanding technical contributions and automation excellence at Speridian Technologies.
- **Automation Community Contributor** – Published technical articles and delivered knowledge sessions featured on Automation Anywhere's official platform, including:
 - [*Working with XPath and Regex \(1-hour session\)*](#)
 - [*Build Your Brand \(1-hour session\)*](#)
 - [*Advanced String Manipulation for Exchange Rate Automation*](#)
 - [*Supercharging Automation Anywhere with Workato*](#)
- **Community Engagement (UiPath):** Managed to cross [100+ solutions](#) within a single month on UiPath Forum