

HEMA KUMAR KAMBHAM

Senior UiPath Developer

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H1B | Available Immediately | USA

PROFESSIONAL SUMMARY

Senior UiPath Developer with 8+ years of IT experience, including 6+ years in designing and delivering enterprise-scale automation solutions using UiPath. Proven expertise in automating complex business processes across SAP, web, desktop, Citrix, mainframe, APIs, and databases, with a strong foundation in REFramework architecture and scalable solution design. Specialized in AI-driven automation including Agentic Process Automation (APA), Document Understanding, and Communication Mining (IXP). Proven track record of delivering high-volume, business-critical automation (5,000+ transactions/day), improving efficiency, reducing processing time, and enhancing operational accuracy. Experienced in conducting automation feasibility analysis, designing end-to-end solutions, and leading the full automation lifecycle from requirements gathering to deployment and production support. Skilled in handling operations, performing root cause analysis (RCA), debugging complex issues, and ensuring SLA compliance. Strong background in preparing and maintaining PDD, SDD, TDD, and unit test documentation.

TECHNICAL SKILLS

RPA Platforms: UiPath, Power Automate, Blue Prism

Core Skills: REFramework, UiPath Orchestrator, Queue-based Processing, Logging & Exception Handling, Assets, Credential Management

Automation Expertise: Web Automation (Chrome, Edge, IE), Selectors, OCR, Dynamic UI Handling, SAP GUI, Citrix, Mainframe, Desktop, PDF, Excel, Email (Outlook/M365), Image-based Automation

Programming: C#, VB.NET, Python

Integration: REST APIs, Web Services, JSON, XML

Enterprise Systems: SAP GUI, SQL Server, ServiceNow

Version Control: Git, TFS

Cloud: Azure

AI/ML: Document Understanding, Communication Mining (IXP), UiPath AI Center, Custom ML Packages, Agentic Process Automation (APA), GenAI Activities, Context Grounding, LLM configurations, PII Detection & Masking

PROFESSIONAL EXPERIENCE

ITMC Systems, Inc: Bristol Myers Squibb - Robotic Process Automation Consultant | Feb 2026 - Present

- Developed end-to-end Medical Claims automation using UiPath, fetching claims data from healthcare portals and submitting to downstream systems via REST APIs, eliminating manual data entry.
- Designed Document Understanding pipelines for medical claims PDFs, enabling automated data extraction, validation, and REFramework-based queue processing with exception handling and SLA prioritization.
- Automated extraction of lab reports from PDFs, parsing structured medical data and loading into SQL Server and upstream systems via REST API integration.
- Automated invoice data entry into SAP by extracting invoice details from source documents and pushing structured data into SAP GUI, eliminating manual effort and reducing processing errors.
- Collaborated with business stakeholders to gather requirements and prepared detailed PDD, SDD, and Unit Test documentation.
- Managed end-to-end UAT cycles ensuring defect resolution and smooth production deployment.
- Implemented PII/PHI Detection & Masking on patient medical records ensuring HIPAA compliance.
- Configured Orchestrator assets and credential management for secure API authentication across healthcare portal environments.

- Built human-in-the-loop validation using UiPath Action Center for exception claims requiring compliance team review before final submission.

CGI - Client: Volvo - Senior Software Engineer | May 2022 - Jan 2026

- Designed and delivered 80+ enterprise-scale UiPath automation solutions across finance processes.
- Led a 5-member development team and a 6-member operations team, overseeing end-to-end delivery and production stability.
- Consistently delivered automation solutions 60-75% faster than standard project timelines, completing 3-month scoped projects within 3 weeks.
- Engineered high-volume SAP automation processing 5,000+ invoices daily across 13 SAP systems, reducing turnaround time by 70% and improving operational efficiency.
- Architected a master REFramework orchestrating 8 child REFrameworks, enabling 24/7 unattended automation and improving scalability.
- Designed and implemented Document Understanding solutions and ML models, reducing validation failures by 40%.
- Worked on UiPath Automation Cloud services including Orchestrator, AI Center, Action Center, and Integration Service for managing enterprise automation deployments, human-in-loop validations, AI model integration, and application connectivity.
- Conducted automation feasibility analysis by evaluating business processes, identifying automation opportunities, and recommending optimal solutions based on complexity, ROI, and technical constraints.
- Analyzed and optimized inefficient business workflows prior to automation implementation to maximize ROI and process stability.
- Designed and developed normalized SQL database tables, leveraging them to store, retrieve, and process financial records through UiPath Automation, improving data control, performance, and reliability.
- Engineered Agentic Process Automation (APA) solutions, reducing end-to-end processing time by 55%.
- Gained hands-on exposure to UiPath GenAI activities, including Context Grounding, Storage Buckets, Indexing, LLM configurations within the AI Trust Layer, and PII Detection & Masking.
- Designed and implemented REST API integrations for enterprise automation and SAP reconciliation (handling JSON/XML data).
- Designed and implemented a REFramework-based email automation solution (Microsoft 365) for Australia Invoice Scanning, reducing manual effort by 50%.
- Developed Python scripts to extract and process data from Excel files, enabling automated data reconciliation and reducing manual effort.
- Collaborated directly with business stakeholders to identify automation opportunities and optimize business processes before automation implementation.
- Developed Reusable UiPath components using C# in Visual Studio to enhance automation scalability and reduce development effort.
- Designed and implemented Communication Mining (IXP) solutions, improving automation efficiency.
- Built and implemented end-to-end UiPath automation solutions leveraging VB.NET for robust and scalable workflows.
- Delivered automation across SAP, Oracle, Citrix, Mainframe, Web, PDF, and Excel systems.
- Engineered reusable UiPath components and libraries, reducing development effort by 55-65%.
- Achieved 97%+ production success rate, ensuring high reliability and minimal failures.
- Optimized automation performance and ensured production stability.
- Served as Primary Code Reviewer and Architecture Approval Authority.
- Acted as Subject Matter Expert (SME), leading requirement gathering and process analysis.
- Prepared detailed PDD, SDD and TDD documentation for enterprise automation solutions by collaborating with business and technical stakeholders.
- Documented process flows, solution architecture, exception handling, technical dependencies, and deployment strategies aligned with UiPath best practices and enterprise standards.
- Led solution design and mentored developers across projects.
- Owned end-to-end lifecycle, ensuring successful delivery and deployment.
- Conducted technical interviews and knowledge-sharing sessions.
- Standardized automation governance and best practices.
- Handled end-to-end incident management for UiPath automations using UiPath Orchestrator, performing RCA and implementing fixes to ensure SLA compliance and high bot reliability.
- Configured and maintained UiPath Orchestrator (multi-tenant, RBAC, execution setup).
- Managed deployments, triggers, monitoring, and logs.

- Implemented queue-based processing with multi-bot execution.
- Worked with Azure VMs for unattended bot deployment.
- Ensured stable 24/7 automation with exception handling and retries.
- Managed version control and deployments using Git and TFS.

Accenture - Client: COTY - Senior Software Engineer | Jan 2020 - May 2022

- Designed and delivered end-to-end UiPath automation solutions using REFramework, reducing manual effort by 40-50%.
- Enhanced REFramework components for flexibility and maintainability.
- Implemented queue-based automation models, improving transaction throughput by 30-35%.
- Engineered reusable libraries and modular components.
- Designed and implemented REST API-based automation for ServiceNow, processing emails from 100+ shared mailboxes to automatically create incidents with attachments and assign them to respective groups using configuration-driven mapping.
- Managed end-to-end automation lifecycle independently.
- Delivered SAP and Excel automation solutions.
- Performed root cause analysis and issue resolution.
- Collaborated with stakeholders for UAT and ensured smooth production deployments.

Accenture - Client: Unilever - Software Engineer | Feb 2018 - Dec 2019

- Developed enterprise automation solutions using Blue Prism (multi-session architecture).
- Built attended and unattended bots interacting with SAP, web, and desktop applications.
- Developed Blue Prism automation to capture customer and transaction data from business applications and store it into SQL databases, ensuring accurate data processing and validation.
- Worked on data extraction from SAP and document-driven workflows.
- Implemented exception handling, work queues, and scheduling.
- Supported deployment, monitoring, and production stabilization.
- Implemented work queues for transaction management.
- Prepared and maintained PDD, SDD, and FDD documentation based on business requirements.
- Performed unit testing and supported UAT cycles, ensuring defect resolution and smooth delivery.
- Assisted in deployment, monitoring, and stabilization of production processes.
- Followed Blue Prism best practices - object reuse and separation of process and object layers.

CERTIFICATIONS

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- UiPath Certified Professional - Automation Developer Professional (ADP)
 - UiPath Certified Professional - Automation Solution Architect Professional (ASAP)
 - UiPath Certified Professional - Agentic Automation Professional (AAP)
 - Blue Prism Developer Certification
 - Automation Anywhere Certified Advanced RPA Professional (Previously Certified)
 - Automation Prime Program - Accenture

EDUCATION

Bachelor of Engineering - Electronics & Communication Engineering | Anna University | 2017

ACHIEVEMENTS

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- Delivered zero-escalation projects across 8 years.
 - Awarded Best Performer three times for high-impact automation delivery.
 - Achieved back-to-back promotions.
 - Recognized for delivering high-quality solutions within tight timelines.