

Manikanta Rama Krishna Gowtham Vempati

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PROFESSIONAL SUMMARY

Senior UiPath RPA Developer with 10+ years of IT experience including 6+ years in enterprise RPA project development, automation architecture, and platform operations. Extensive experience delivering full lifecycle automation solutions using UiPath Enterprise Platform across cloud and on-premise environments. Proven expertise in CI/CD implementation, automated testing, AI/ML-based document processing, and large-scale front-office and back-office automation involving web, mainframe, Citrix, and Windows applications. Strong consulting background with excellent communication skills, collaboration abilities, and experience leading geographically distributed Agile and Scrum teams.

TECHNICAL SKILLS

RPA Platforms & Tools: UiPath Enterprise RPA Platform, UiPath Orchestrator, Blue Prism, Power Automate, Automation Hub, AI-Fabric, UiPath Insights, UiPath Test Manager, Automation Cloud

Intelligent Automation: Document Understanding, ML Extractors, AI/ML Models, Google OCR, Microsoft OCR, ABBYY OCR, Computer Vision, Structured Data Extraction

Cloud & Infrastructure: Cloud Environments, CI/CD Pipelines, Azure, Deployment Automation, Automated Testing, Non-Production Bots, Dev/UAT/Production Management, Azure DevOps

Methodologies & Lead: Agile Methodologies, Scrum, Waterfall, IT Consulting, Lead Developer, SDLC, Onshore-Offshore Coordination, Cross-Functional Collaboration

Development & Logic: C# .NET, Python, JavaScript, SQL Database, VB Scripting, Exception Handling Mechanisms, Session Management, Debugging, API Integration

Process Areas: Mainframe Applications, Citrix Applications, Web Applications, Windows-Based Applications, Queue Management, Schedules, Front-Office Automation, Back-Office Automation

PROFESSIONAL EXPERIENCE

Senior RPA Developer at Texas A&M University

August 2024 - Present

- Lead enterprise RPA project development including requirements analysis, solution design, development, automated testing, deployment, and hypercare support.
- Architect scalable automation solutions using UiPath Enterprise Platform and Azure cloud infrastructure.
- Implement CI/CD pipelines using Azure DevOps enabling automated packaging, testing, and deployment across Dev, UAT, and Production environments.
- Manage and mentor offshore RPA developers, conducting code reviews, debugging sessions, and sprint planning under Agile and Scrum frameworks.
- Design and deploy 30+ attended, unattended, and non-production bots supporting mission-critical automation.
- Configure UiPath Orchestrator including queues, schedules, triggers, session management, assets, logs, and role-based access controls.
- Implement advanced exception handling frameworks reducing production incidents by 40%.
- Develop AI/ML-powered document automation using OCR engines and intelligent extractors.
- Automate complex processes involving mainframe systems, Citrix environments, web platforms, and Windows applications.
- Lead major incident troubleshooting and debugging to maintain 99.8% bot uptime.
- Provide consulting support to business stakeholders and present automation roadmaps to executive leadership.
- Drive cross-functional collaboration ensuring seamless coordination between business, IT, and cloud hosting teams.

RPA Developer at Stimulating Success

June 2024 - August 2024

- Delivered 15+ enterprise automation initiatives reducing manual effort by 35%.
- Designed scalable ReFramework-based architectures for high-volume RPA processes.
- Built queue-based transaction automation handling 10,000+ records monthly.
- Implemented AI/ML-based document understanding solutions using ML extractors and document classifiers.
- Performed structured and pattern-based data extraction from web applications and exported to Excel and SQL databases.
- Integrated automated testing strategies to ensure regression stability before deployment.
- Led Agile and Waterfall project delivery while managing concurrent cross-functional initiatives.
- Configured UiPath Insights dashboards to track KPIs and automation performance metrics.
- Coordinated UAT, production deployments, and post-go-live stabilization support.

RPA Developer at Texas A&M University

June 2022 - May 2024

- Designed enterprise RPA automation frameworks for banking and finance clients.
- Automated front-office and back-office processes across web, mainframe, Citrix, and Windows-based systems.

- Implemented computer vision automation for Citrix applications.
- Managed Orchestrator queues, triggers, schedules, and robot provisioning.
- Developed structured extractors for data scraping and automated reporting to Excel.
- Reduced operational costs by 30% through automation optimization.
- Conducted debugging, troubleshooting, and root cause analysis in production environments.
- Supported global consulting engagements and client-facing solution discussions.
- Ensured compliance with Agile, Scrum, and Waterfall delivery models.

RPA Developer at Magic-Lantern / Cognizant Technology Solutions

June 2019 - May 2022

- Developed attended and unattended UiPath RPA bots for HR and finance process automation.
- Designed strong exception handling and logging mechanisms.
- Built reusable automation components and process libraries.
- Automated document extraction workflows using OCR and intelligent extractors.
- Conducted unit testing, integration testing, and debugging to ensure production readiness.
- Maintained technical documentation including SDDs and deployment guides.
- Collaborated closely with product managers and cross-functional teams.

Automation Developer (Associate) at ICON Biosystems

May 2018 - December 2019

- Participated in full automation lifecycle including project development and implementation.
- Designed workflows automating Windows and web-based applications.
- Implemented structured data extraction and Excel-based reporting automation.
- Supported CI/CD deployment coordination and change management processes.
- Performed debugging and troubleshooting for production bots.
- Contributed to Agile sprint cycles and cross-team collaboration.

Automation Developer (Junior) at JR Constructions

May 2015 - April 2018

- Assisted in UiPath automation development for back-office processes.
- Built modular workflows using best practices in RPA development.
- Supported mainframe data automation and reporting tasks.
- Conducted unit testing and participated in UAT cycles.
- Documented solution design artifacts and maintained process documentation.
- Collaborated with business analysts to translate functional requirements into technical automation workflows.

EDUCATION

Texas A&M University-Commerce, TX
Master of Science in Business Analytics

June 2022 - May 2024

JNT University, Kakinada, AP, India
Bachelor of Technology in Computer Science

May 2008 - May 2012