

GOPI JANJANAM

Technical Lead – Intelligent Automation | RPA & AI Specialist

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PROFESSIONAL SUMMARY

Results-driven Technical Lead with **7+ years of experience** architecting and delivering enterprise-grade RPA solutions using **UiPath** and **Automation Anywhere A360**. Skilled at integrating AI capabilities (Azure AI, RAG, Microsoft Copilot) into automation workflows, achieving a **40% reduction in manual effort** across 10+ projects. Proficient in **Prompt Engineering** (CO-STAR framework) and LLM optimization, leveraging advanced techniques to drive high-quality AI outputs. Adept at leading cross-functional teams of 8+ developers, enforcing design governance, and translating complex business requirements into scalable, maintainable automation architectures.

CORE COMPETENCIES & TECHNICAL SKILLS

RPA Platforms: UiPath (RE Framework, Document Understanding, Orchestrator), Automation Anywhere A360 / A2019 / v11

AI & Intelligent Automation: Azure AI Services, Retrieval-Augmented Generation (RAG), AI Agents, Microsoft Copilot (Custom Agents)

Prompt Engineering & LLMs: CO-STAR Framework, Prompt Design & Optimization, LLM Parameters (Temperature, Top-P, Tokens, Weights), Output Tuning

Programming Languages: Python, SQL, C#, Java

Architecture & Design: Queue-based Automation, Multi-bot Orchestration, Error Handling Frameworks, Scalable Pipeline Design

Data & Visualization: SQL Server, MongoDB, Excel Automation, Power BI, Tableau

Developer Tools: Git, VS Code, PyCharm, GitHub Copilot, Claude AI

Leadership & Process: Team Leadership (8+ Developers), Code Review, Design Governance, Stakeholder Management, UAT & Production Releases

PROFESSIONAL EXPERIENCE

Technical Lead – Intelligent Automation

Apr 2022 – Present

Cognizant Technology Solutions · Hyderabad, India

- Lead and mentor a team of **8 RPA developers**; establish coding standards, conduct code reviews, and enforce design governance to ensure delivery quality and consistency.
- Architected and deployed **4+ production-ready automation bots in 2025**; currently overseeing **6 live enterprise automations** across multiple business units.
- Designed and built **AI-powered Code Review Agent** and **Design Review Agent** using Microsoft Copilot, accelerating review cycles and improving code quality.
- Architected a scalable **queue-based automation framework** with multi-bot orchestration, significantly improving system throughput, reliability, and fault tolerance.
- Engaged with business stakeholders to gather requirements, conduct feasibility assessments, and translate business needs into robust solution designs.
- Delivered **10+ end-to-end automation solutions** in Healthcare and Insurance domains, collectively reducing manual effort by approximately **40%** and improving processing accuracy.
- Championed best practices in UiPath RE Framework, exception handling, and logging standards across the team.
- Applied **Prompt Engineering techniques** (CO-STAR framework) and fine-tuned LLM parameters (temperature, tokens, weights) to optimize AI agent outputs for code review and business automation use cases.

RPA Developer

Jan 2021 – Apr 2022

Exponential AI · Hyderabad, India

- Designed and implemented a **multi-bot architecture** leveraging queue-based processing, improving overall automation throughput by **35%**.

- Automated complex business workflows, reducing end-to-end processing time by **30%** across key operational pipelines.
- Managed full SDLC including solution design, development, UAT coordination, and production deployment for multiple automation projects.
- Collaborated with business analysts and QA teams to ensure delivered automations met acceptance criteria and performance benchmarks.

RPA Freelance Developer

Jan 2020 – Dec 2020

Tangentia Inc · Remote

- Delivered end-to-end automation solutions independently for diverse client requirements, managing all phases from requirement gathering to deployment.
- Built an **Accounts Payable automation** integrating email parsing, SQL database operations, and Microsoft Dynamics workflows, reducing manual invoice processing time significantly.
- Maintained direct client communication to manage expectations, gather feedback, and ensure on-time, within-scope delivery.

Software Engineer – Automation

Apr 2018 – Nov 2019

Vaizva Tech Pvt Ltd · Hyderabad, India

- Developed invoice processing and content management system (CMS) automation bots, improving processing efficiency and reducing data entry errors.
- Contributed to requirements analysis, bot development, and post-deployment monitoring as part of an agile development team.
- Gained foundational expertise in RPA tools, automation design patterns, and enterprise workflow integration.

EDUCATION

Bachelor of Technology (B.Tech)

Graduated: 2017

Jawaharlal Nehru Technological University (JNTU), Kakinada, Andhra Pradesh

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- UiPath Certified Professional – Developer Associate (2025)
- UiPath Certified Professional – Automation Developer Professional
- Automation Anywhere Advanced Certified – Automation Anywhere University
- Automation Anywhere Master Certified – Automation Anywhere University
- Oracle Certified – Generative AI Professional – Oracle University
- Microsoft Power Platform Fundamentals (PL-900) – Microsoft

KEY ACHIEVEMENTS & IMPACT

- Reduced manual processing effort by **~40%** across 10+ enterprise automation projects at Cognizant.
- Improved automation throughput by **35%** through queue-based multi-bot architecture at Exponential AI.
- Pioneered **AI-augmented automation** by building Microsoft Copilot-powered agents for code and design review.
- Currently managing **6 live production bots**, ensuring reliability, performance monitoring, and continuous improvement.
- Promoted to Technical Lead through consistent performance and demonstrated ownership of complex automation programs.
- Conducted regular knowledge-sharing sessions, upskilling developers on RPA best practices, AI integration, and emerging automation trends.
- Served as **Functional POC** for multiple AI use cases; led PoCs to showcase AI capabilities to business stakeholders, enabling AI adoption.
- Achieved **top performance ratings** (5 and 4 consecutively) for the last 3 years, reflecting sustained excellence.