
UiPath
Solution Architect
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Understanding the RPA Solution Architect role

Key responsibilities

- RPA Solution Architect definition
- Governance of the end-to-end performance of the agreed solution
- Automation process optimization
- Effort estimation
- Code review
- Workflow component and reusable definition;
- PDD and DSD sign-off
- Number of robots used, config file, asset, queue, and schedule definition
- Logging and Reporting - Dashboards

TRAINING

Background and skillset

- Minimum 5 years programming experience in .NET (C#, C++or VB), Java
- Minimum 2 - 5 years experience in the service industry or business setup
- Infrastructure knowledge, including servers, storage, firewalls, load balancers, routers, etc.
- Ability to develop solution architecture designs
- Strong conceptual and analytical skills, results orientation
- Team player with leadership and cross-team collaboration experience

Stages of an RPA Project

01 Enable

Infrastructure Setup

- Designing the server architecture
- Installing and configuring the architecture
- Setting up dev, test & production environments

02 Preparation

Project Governance

- Agreeing on the project development approach
- Reviewing the RPA best practices

03 Design

Workflow Design

- Filling in the Process Design Document (PDD)
- Creating test cases and data
- Designing the solution

04 Build

Workflow Development

- Building the workflows
- Performing Unit and Functional testing
- Creating the Development Specification Document (DSD.)

05 Test

Quality Assurance

- Executing the test cases
- Reporting the results
- Making the Go/NoGo decision

06 Sustain

Hypercare

- Performing workflow support
- Managing Changes and Improvements

Responsibilities and ownership of the SA

- Infra Initial Setup
- Orchestrator deployment options
- RPA Deployment Environments

- Best Practices agreement
- Coding standards
- Robotic Enterprise Framework
- Collaboration with BA on feasibility and optimization
- Development effort estimation
- Technical meetings planning

- PDD sign-off
- Overall solution
- Component splitting
- Developer appointment
- Reusable component identification
- Configurations, queues, schedules
- Outstanding challenges documentation

- Extra requirement list after PDD sign-off
- Constant mentoring of Devs
- Troubleshooting and debugging
- Logging and reporting
- Source control solution owner

- Code review and audit
- DSD sign-off
- Functional testing sign-off

- Change documentation
- Monitoring
- Support


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Thank You!
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