Mohammed Farook R

RPA Developer in Ui Path

Profile Summary

RPA Developer skilled in building automation workflows using UiPath. Experienced in web automation, document understanding, and Excel/email integration. Strong foundation in Python, .NET, and SQL, with exposure to SAP ByDesign and automation of complex enterprise workflows. Focused on delivering efficient, scalable solutions that reduce manual effort and enhance business productivity.

Technical Skills

- **Programming Languages:** Python, .NET, SQL, C# (Basic)
- **RPA Tools:** UiPath Studio, Power Automate
- **Automation Areas:** Web Automation, Document Understanding, Excel & Email Automation, Object Recognition
- **Conceptual Knowledge:** Test Automation Frameworks, Data-Driven Testing, CI/CD Pipelines, BDD Concepts
- **Other Tools:** Visual Studio, Excel, Outlook, SAP Business ByDesign
- **Machine Learning:** K-Means Clustering, PCA, Data Preprocessing
- **Domains:** Finance, Automation (Open to Healthcare Domain)

RPA Developer | NoblQ Private Ltd
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- Develop and maintain automation workflows using UiPath Studio.
- Build reusable components for data extraction, validation, and email automation.
- Collaborate with teams to identify and automate repetitive business processes.
- Support deployment, debugging, and optimization of UiPath bots for improved performance.
- Exploring test automation and CI/CD pipeline concepts for advanced automation integration.

Projects
Automated Advertisement Scheduling and Release Order Processing – Sun Network

- Automated advertisement scheduling for 48 Sun Network channels using UiPath Studio
- Processed client emails with advertisement details (air time, cost, duration) received in PDF or Excel via Outlook.
- Used Document Understanding to extract and standardize data into SAP-compatible templates, integrating Agreement and Caption Tables for validation.
- Created SAP release orders and auto-emailed consolidated reports to the Production Department, improving efficiency by 80%.

- **Tools:** UiPath Studio, Document Understanding, Outlook, Excel, SAP Integration

"K-Means Clustering Algorithm" – Unsupervised Learning in Action

- Implemented an unsupervised ML model using K-Means to group and analyze unlabelled data.
- Pre-processed datasets, optimized clusters with Elbow Method and Silhouette Score, and visualized results in 2D/3D using Matplotlib and Seaborn.
- Applied PCA for dimensionality reduction and handled missing values, outliers, and scaling using Pandas and NumPy.
- **Tools**: Python, Pandas, NumPy, Matplotlib, PCA

DocuRead – Intelligent PDF Data Extraction

- Developed an automation using UiPath Document Understanding to extract data from semi-structured PDFs
- Configured Taxonomy Manager, Document Classifier, and ML Extractor for precise field capture and validation.
- Exported structured data to Excel, reducing manual entry effort by 40%.
- **Tools**: Ui Path Studio, Document Understanding, Excel Automation, PDF Automation

Intelligent Loan Processing Automation

- Automated daily loan application validation and portal data entry using UiPath.
- Fetched applicant data from emails, validated eligibility criteria, updated results, and generated daily reports automatically.
- Improved accuracy and reduced manual effort by 85%.
- **Tools:** UiPath REFramework, Excel, Email, Web Automation

Invoice Extraction Automation using Power Automate

- Built an end-to-end automation flow to extract key invoice data from emails and attachments.
- Used AI Builder Form Processing to identify invoice fields like vendor, amount, and due date.
- Automatically saved data to Excel and triggered email notifications to stakeholders.
- Reduced manual invoice processing time and improved data accuracy.
- **Tools:** Power Automate, AI Builder, Outlook, Excel.

Certifications

- Python Mega Course
- RPA Citizen Developer Training

Education

- Bachelor of Computer Science and Engineering   **2020 – 2024**
  Mahendra Engineering college - **Namakkal**
  CGPA: 8.0/10.0