Aditya Senthil Kumar

RPA Developer

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Professional Experience

RPA Developer, *(Euclid Elementz)*   **Woodbridge, NJ** *02/2024 – Present*
- Gathered the requirement to read and process invoices for accurate data entry into the ERP tool INFOR-LN, ensuring seamless integration, enhanced data accuracy, and improved operational efficiency and financial tracking.
- Implemented the task of reading and processing both structured and unstructured data from PDF, Word, and text files for accurate data entry into the ERP tool INFOR-LN, ensuring seamless integration, enhanced data accuracy, and improved operational efficiency and financial tracking
- Successfully executed the task of extracting and handling data from PDFs, Word documents, and text files using UiPath OCR. Additionally, I utilized UiPath Action Bot to automate data entry into the ERP system INFOR-LN.
- Achieved a 30% reduction in data entry time through UiPath OCR automation, streamlining ERP data input processes in INFOR-LN.

RPA Developer, *(Bravo Ship Management Pvt Ltd)*   **Chennai, India** *11/2020 – 08/2022*
- Identified the need for a streamlined HR onboarding process due to time inefficiencies and inconsistent documentation as company struggled with maintaining consistent records of candidate interviews and feedback.
- Spearheaded the project to semi-automate the HR-Onboarding Process, aiming to reduce time spent on manual tasks, Introduced a centralized documentation system to track candidate information and interview progress.
- Implemented OCR technology with UiPath to read resumes, developed a keyword matching algorithm to compare resumes with job descriptions, and automated email notifications for screening calls.
- Improved candidate experience and engagement, reducing communication gaps and enhancing the company's reputation as an organized and responsive employer. Achieved a 30% reduction in onboarding time and improved documentation accuracy, enabling better tracking and analysis of hiring processes.

ERP RPA Developer *(Sailotech Pvt Ltd)*   **Hyderabad, India** *10/2018 – 10/2020*
- Analyzed the need to automate the process of identifying, downloading, and installing INFOR-LN patch updates, while organizing the files and reporting the outcomes.
- Developed a bot using UiPath RE-Framework and Orchestrator to automate the daily check for new patch updates at 6:00 AM, utilizing UiPath for automation and Excel for tracking and reporting.
- Created a system to download and install patch updates, categorizing files into 'Success' and 'Failure' repositories based on installation outcomes, streamlining the update process and minimizing errors.
- Leveraged UiPath's Send Email action to automatically send detailed reports to the INFOR-LN team, providing transparency and enabling quick resolution of installation issues.
- Achieved a 40% reduction in time and resources required for managing patch updates, enhancing accuracy and allowing team members to focus on higher-value tasks.

Projects

SmartScan AI: Automated Image-to-Text Conversion   10/2019-03/2020
- Developed an Image Processing Bot using UiPath that leverages Optical Character Recognition (OCR) and Computer Vision (CV) technologies to automate the extraction of text from images, significantly reducing manual effort
- Achieved a 60% reduction in processing time and increased overall efficiency by 20%, demonstrating substantial productivity gains and accuracy improvements in data handling

Infor-LN Process Automation Bot   04/2020-08/2020
- Infor Bot utilizes OCR technology to scan images and extract text, automating INFOR-LN processes like manual invoice processing and enhancing operational efficiency by handling multiple records simultaneously
- Streamlined operations and significantly reduced human error, leading to a 40% savings in time and costs associated with manual data entry and processing tasks

Ferrari IPO Valuation   02/2023- 05/2023
- Used Excel for financial analysis, calculating Ferrari's share fair value and comparing it to IPO and market responses, highlighting discrepancies in pricing and market perception
- Employed Tableau for data visualization, effectively showcasing financial data and market performance, facilitating a clear understanding of the IPO's impact through visual aid

Skills

- Languages: Python, SQL, HTML, CSS, C and C++
- Software: UiPath, Azure AI, Tableau, PowerBI, MS Office, Infor-LN, Automation Anywhere, MySQL, GitHub
- Core Skills: OCR, Computer Vision, Data Modeling, Natural Language Processing, Large Language Models, Neural Networks, ETL Pipelines, Data Warehouse, Agile, Scrum

Certifications

- Microsoft Azure AI Fundamentals • Google Data Analytics Specialization • UiPath Advanced RPA Developer

Education

Master of Science in Business Analytics *University of Massachusetts, Amherst*   **Amherst, MA** *2022-2024*
Relevant Courses: Project Management, Financial & Managerial Accounting, Corporate Finance, Sports Analytics, Data Science for Business

Bachelor of Technology in Mechatronics *SRM Institute of Science & Technology*   **Chennai, India** *2014-2018*
Relevant Courses: MATLAB, Neural Networks, Object Oriented Programming, Data Science for Engineering, Data Management