

Aditya Senthil Kumar

RPA Developer

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Professional Experience

RPA Developer & ERP Analyst, (*Euclid Elementz*)

Woodbridge, NJ 02/2024 – Present

- 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.

RPA Developer & ERP Analyst, (*Bravo Ship Management Pvt Ltd*)

Chennai, India 11/2020 – 08/2022

- 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 (*Sailotech Pvt Ltd*)

Hyderabad, India 10/2018 – 10/2020

- Gathered initial challenges including manual and time-consuming data gathering processes, inefficient data-driven decision-making lacking automation, difficulty in tracking and visualizing INFOR-LN ERP metrics, and suboptimal response times for critical business processes.
- Implemented process improvement initiatives using tools such as SQL, Tableau, and Python to automate data gathering, enhance data-driven decision-making capabilities, improve tracking and visualization of INFOR-LN ERP metrics, and streamline critical business processes.
- Utilized automation solutions leveraging UiPath for workflow automation, OCR for document processing, Tableau for data visualization, and Python for custom scripting.
- These actions resulted in a 40% reduction in data gathering time, a 25% increase in team productivity, a 20% improvement in data-driven decision-making effectiveness, and a 30% reduction in order production time with a 20% increase in on-time deliveries.

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