Aditya Senthil Kumar
Data Analyst

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Professional Experience

RPA Data Analyst, *(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

Data Analyst, *(Bravo Ship Management Pvt Ltd)*   **Chennai, India** *11/2020 – 08/2022*
- Gathered requirements for analyzing the HR onboarding process, focusing on efficiency, time, and costs. Led a project to semi-automate the process using UiPath with integrated SQL for data handling, OCR for resume reading, and keyword matching algorithms
- Developed interactive Tableau dashboards for real-time tracking and automated reporting with Python, resulting in a 30% reduction in onboarding time, enhanced documentation accuracy, and improved candidate experience
- Spearheaded the project, introduced OCR technology with UiPath for resume reading, developed keyword matching algorithms, and automated email notifications for screening calls
- Achieved a 30% reduction in onboarding time and improved candidate experience, enhancing the company's reputation as an organized employer

Junior Data Analyst (Infor-LN Dept), *(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

Research Work

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, ETL
  Pipelines, Data Warehouse, Agile, Scrum

Certifications
- Microsoft Azure AI Fundamentals • Google Data Analytics Specialization • Salesforce AI Associate Certified

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