

## Aditya Senthil Kumar

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### PROFESSIONAL EXPERIENCE

*Bravo Ship Management Pvt Ltd*

Nov 2020 – Sep 2021

#### **Business Analyst**

- Developed and implemented a comprehensive data extraction and analysis system integrating **OCR, Tableau, & Python**, significantly reducing data processing times and enabling informed decision-making processes project
- Streamlined **SQL**-driven development and utilized analytical tools to enhance productivity, aligning with organizational technical standards and supporting business objectives
- Accelerated HR onboarding by implementing **UiPath** and **Excel** automation; reduced candidate shortlisting time by 40%, resulting in a 25% increase in new hires within the first quarter
- Pioneered the development and execution of initial offer emails, leading to a 50% decrease in response time and a 30% boost in document collection, resulting in quickened sales cycle and increased revenue

**Environment:** *UiPath, Tableau, Data analysis tools (e.g., Excel, R, Python, SQL)*

*Sailotech Pvt Ltd, Chennai, India*

Oct 2018 – Oct 2020

#### **Business Analyst**

- Led process improvement initiatives through the deployment of process automation strategies using **UiPath, SQL, OCR, Tableau, and Python**, serving as a liaison between technical and business units Collaborated with Leadership to define metrics, leading to a 20% increase in data-driven decision-making effectiveness
- Facilitated a 40% reduction in data gathering time and 25% increase in team productivity, contributing to the development of technical requirements for business operations
- Improved response times for key business processes by 40% and enhanced company-wide productivity by streamlining data processing
- Developed Tableau dashboards to visualize and track the impact of the **INFOR-LN ERP** tool, resulting in a 30% reduction in order production time and a 20% increase in on-time deliveries
- Attained an extraordinary 90% decrease in patch update time by implementing automated deployment processes, resulting in fastened software release cycles, and improved overall operational efficiency

### TECHNICAL SKILLS

**Analytics:** OCR, Computer Vision, Data Modeling, Natural Language Processing, Large Language Models, Neural Networks, ETL Pipelines, Data Warehouse, Agile, Scrum

**Programming Language:** Python, R, SQL, HTML, XML, CSS

**Tools:** UiPath, Azure AI, Tableau, PowerBI, MS Excel, MS Word, GitHub

**Data Science Framework:** Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn

### TECHNICAL PROJECTS

#### **[AI] SmartScan AI: Automated Image-to-Text Conversion Too (UiPath)**

- 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

#### **[OCR] Infor-LN Process Automation Bot (UiPath)**

- 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

#### **[Database] Ferrari IPO Valuation and Strategy Analysis (Excel)**

- 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 aids

### EDUCATION

**University of Massachusetts, Amherst, MA**

Dec 2023

*Master of Science in **Business Analytics***

GPA: 3.30

**Relevant Coursework:** Data Mining – Neural Networks, Business Intelligence, Advanced Data Analytics, Business Application Development, Project Management, Financial & Managerial Accounting, Corporate Finance, Sports Analytics, Data Science for Business

### CERTIFICATIONS

- Google - Data Analytics Professional Certificate | University of Michigan- Python Specialization | Microsoft – Azure AI Fundamentals