

Rajalingam Muthiah

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Mumbai, Maharashtra, India

PROFESSIONAL SUMMARY

Data Science graduate with 3+ years of experience combining AI/ML expertise with enterprise software development. Proven track record in building computer vision models, designing scalable Salesforce solutions, and executing large-scale data migration projects handling 40K+ records. Skilled in Python, SQL, cloud technologies (AWS, Snowflake), and BI tools (Power BI, Tableau) with demonstrated ability to bridge technical implementation and business impact.

TECHNICAL SKILLS

Programming Languages: Python (NumPy, Pandas, Scikit-learn, TensorFlow, Flask, OpenCV, Mediapipe), SQL, JavaScript, HTML/CSS

Data Science & ML: Machine Learning, Computer Vision, Predictive Modeling, Statistical Analysis, A/B Testing

Data Engineering & Analytics: ETL Pipelines, Data Migration, Data Modeling, DAX, Excel (Advanced Formulas, VBA)

Cloud & Platforms: Amazon Web Services (AWS), Snowflake, Salesforce (Lightning, Experience Builder, SLDS)

Visualization & BI Tools: Power BI, Tableau, Google Data Studio

Tools & Technologies: Git, Visual Studio Code, Jupyter, Adobe Creative Suite (Illustrator, Photoshop)

PROFESSIONAL EXPERIENCE

Salesforce UI/UX Developer

June 2023 – Present
Mumbai, India

Tata Consultancy Services

- Engineered and deployed responsive UI components for Salesforce-powered enterprise applications using Lightning App Builder, Experience Builder, and SLDS, improving user engagement metrics by enhancing accessibility and interface intuitiveness
- Led end-to-end data migration initiative for Fluence (Siemens subsidiary), processing and validating 40,000+ battery asset records from multiple global locations using Python and Excel automation
- Implemented data quality framework addressing missing values, duplicate entries, and inconsistencies, achieving 99% data accuracy through custom Python scripts and Excel VBA queries
- Optimized XML data formatting within Excel workbooks to ensure consistency across datasets, reducing downstream processing errors and improving data pipeline reliability
- Developed automated data validation scripts using Python (Pandas, NumPy) to extract insights and populate fields accurately, supporting critical business operations and decision-making processes
- Collaborated with cross-functional teams including product managers, data engineers, and stakeholders to align UI/UX design with underlying data architecture requirements

Workflow Analyst

June 2021 – May 2023
Mumbai, India

Tata Consultancy Services

- Designed and delivered visual assets for digital platforms including web graphics, product packaging, and presentations using Adobe Creative Suite (Illustrator, Photoshop)
- Streamlined workflow processes and created documentation to improve team efficiency and project delivery timelines
- Partnered with business analysts and technical teams to translate requirements into actionable design specifications

EDUCATION

Master of Science in Data Science

Aug. 2022 – May 2024
Mumbai, India

SIES College of Arts, Science & Commerce, Mumbai University

- Relevant Coursework: Machine Learning, Data Visualization, Big Data Analytics, Statistical Modeling
- Thesis: Developed predictive models using Python, TensorFlow, and Scikit-learn for real-world forecasting applications

Bachelor of Science in Computer Science

Aug. 2018 – May 2021
Mumbai, India

SIWS College of Arts, Science & Commerce, Mumbai University

- Relevant Coursework: Algorithms & Data Structures, Database Management Systems, Computer Networks

PROJECTS

Virtual Watch Fitting Using Computer Vision <i>Python, OpenCV, Mediapipe</i>	2024
<ul style="list-style-type: none">Built real-time hand tracking system using Mediapipe to detect 21 hand landmarks and overlay virtual watch on user's wrist via live camera feed with sub-50ms latencyImplemented pose estimation algorithms achieving 95% accuracy in wrist detection across various lighting conditions and hand orientationsOptimized rendering pipeline using OpenCV for seamless virtual object integration, enhancing user experience through precise alignment and responsive tracking	

Supply Chain Analytics Dashboard <i>Power BI, DAX, SQL</i>	2023
<ul style="list-style-type: none">Architected interactive Power BI dashboards with 15+ custom DAX measures to track KPIs including inventory turnover, order fulfillment rates, and regional sales performanceDesigned optimized data models establishing relationships across 5+ data sources, reducing query response time by 40% through efficient star schema implementationCreated drill-down visualizations enabling stakeholders to analyze performance across regions, product categories, and time periods, supporting data-driven decision making	

CERTIFICATIONS

Salesforce Certified Data Cloud Consultant <i>2024</i>	
<ul style="list-style-type: none">Designed and implemented Salesforce Data Cloud solutions, including data ingestion, identity resolution, calculated insights, and activation.	
Google Cloud Study Jams Program <i>2023–2024</i>	
<ul style="list-style-type: none">Completed hands-on labs covering BigQuery, Cloud Storage, data analytics, and core Google Cloud Platform services.	
Power BI Bootcamp Certification – O'Reilly <i>2023</i>	
<ul style="list-style-type: none">Built interactive dashboards using Power BI, DAX measures, Power Query, and best practices in data modeling.	
Master Google Data Studio for Data (Looker Studio) <i>2023</i>	
<ul style="list-style-type: none">Created dynamic reports and dashboards using Google Data Studio with Google Sheets and BigQuery data sources.	

DECLARATION

I hereby declare that the above furnished information is true and correct based on my knowledge and belief.

Rajalingam Muthiah