**Yoga Sundaram Rama Swamy**

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**OBJECTIVE**

Experienced Machine Learning Data Associate with 5+ years in data processing, quality, and reporting, Seeking a Data Analyst Internship to apply and enhance hands-on data analysis skills.

**EDUCATION**

Cleveland State University, Cleveland, OH Expected graduation May 2025

Master of Information Systems G.P.A – 4.0

B. S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, Tamil Nadu June 2013 – June 2017

Bachelor of Technology Aeronautical Engineering

**RELEVANT COURSEWORK**: Project Management and Scheduling, Modern Database Design/Implementation, Management of Business Networks, System Analysis Methods, Managing Network Security and Risk, Emerging Technologies

**SKILLS SUMMARY**

* **Programming Languages:** R Programming, SQL, JavaScript, Python
* **Tools/ IDEs:** AWS, [GitHub](https://github.com/yogasundaram95), MS - Excel, Microsoft Project, Oracle SQL, Visio, Confluence, JIRA
* **Database:** MySQL, PostgreSQL, NoSQL, Oracle Database, SQL Server
* **Visualization Software:** PowerBI, Tableau
* **Technical Skills:**  Data Structures, Spreadsheets, Cloud Infrastructure, Analysis Skills, Data analytics,   
   Business Intelligence, Database Management Systems, ETL, Database systems, DDL.

**RELEVANT EXPERIENCE**

**Amazon Development Centre India Pvt. Ltd.,** | Tamil Nadu, Chennai October 2020 – March 2023

Machine Learning Data Associate |Full term employee

* Spearheaded the implementation of customer-centric initiatives, resulting in a 20% increase in customer satisfaction and a 15% boost in customer retention, aligning with Amazon's Leadership Principle of Customer Obsession.
* Managed data quality and standards, Optimized data quality for machine learning models by implementing rigorous data cleaning processes, resulting in a 40% increase in model accuracy.
* Generated 6 reports per month using MySQL and Microsoft Power BI, providing key insights to stakeholders and helping to

improve decision-making through Dashboards, maintaining records and writing the report.

* Onboarded 20+ new associates and monitored, assessed them to optimize annotation best practices, resulting in a 5% improvement in annotation speed and project efficiency.
* Calculated the team's throughput data and administered and Summarized with Senior Associate for Productivity goals.

**Amazon Development Centre India Pvt. Ltd.,** | Tamil Nadu, Chennai November 2019 – October 2020

Machine Learning Data Associate |Contractual role

* Boosted annotation throughput by 10% by developing and implementing new automation scripts.
* Maintained an Unparalleled accuracy rate of 99.8% and validated the data and findings to ensure accuracy and reliability. Strictly adhering to the Basics of Standard Operating Procedures (SOP).
* Brainstormed innovative ideas to code for five additional automation scripts. These initiatives resulted in a remarkable 10% improvement in throughput for video annotation.

**Gharib Shipping Services LLC** | Tamil Nadu, Chennai July 2017 – October 2019

Warehouse Associate & Coordinator | Part time

* Analyzed 70,000 rows of historical data using custom SQL queries to identify trends and patterns, resulting in a 15%

improvement in business performance and Maintenance.

* Generated 17+ monthly stock reports using Excel and WMS, delivering key insights to warehouse managers and contributing to a 10% reduction in inventory costs.
* Extracted and interpreted shipment data using advanced analytics tools, enabling data-driven decisions to improve supply chain efficiency and increase on-time deliveries by 20%.
* Achieved a 99.5% on-time shipment rate by thoroughly tracking progress and identifying and resolving potential delays early.

**PROJECT**

* **Spotify Exploratory Data Analysis:** Exploratory Data Analysis project using Spotify dataset. Dataset https://www.kaggle.com/datasets/zaheenhamidani/ultimate-spotify-tracks-db. Tech: Excel, SQL, Python, R.
* **Tableau Public Vizzes** ([link](https://public.tableau.com/app/profile/yoga.sundaram.rama.swamy/vizzes)): My personal project on Tableau Public showcases a collection of interactive data visualizations that offer insightful perspectives on various topics Tech: Tableau.
* **Covid-2019 Analysis**:([link](https://github.com/yogasundaram95/Portfolio-projects/tree/main)) Executed Covid-19 data exploration in SQL, importing real data into SQL Server. Applied intermediate-level SQL concepts to dissect and derive insights from the dataset, Creating Tableau visualizations, Data cleaning, Python Correlation, Tech: Excel, SQL, Python, Tableau.
* **Data Alignment Project**: Led comprehensive project management for the Data Alignment initiative, overseeing procurement, stakeholder engagement, and team collaboration, resulting in successful implementation, optimized workflows, and improved data accuracy. Tech: MS Project, Excel
* **Bellabeat Case Study**: Leveraging insights from Fitbit Fitness Tracker Data in the Bellabeat Case Study, identified trends in smart device usage, highlighting potential applications for Bellabeat's customers and informing data-driven marketing strategy.Tech: Excel, SQL, Python, Tableau

**CERTIFICATIONS**

* Oracle Cloud Infrastructure Foundations Associate September 2023
* Oracle Cloud Data Management Certified Foundations Associate. November 2023
* Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate November 2023
* Google Data Analytics Professional Certificate January 2023