Anthony Fumagalli

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Professional Summary

Data analyst with a computer science background and advanced training in SQL, Python, Tableau, and statistics. Experienced in building dashboards, performing exploratory data analysis, and translating operational data into actionable business insights. Over a decade of experience in quality assurance, production operations, and team leadership, leveraging metrics and KPIs to drive process improvements. Seeking data analyst, BI, or operations analytics roles where data informs measurable outcomes.

Education & Certifications

- **Bachelor of Science in Computer Science** – Western Governors University, UT | 2021 – 2023
- **FastTrack Java Developer Program** – Cook Systems, Memphis, TN | 2024
- **IBM Data Fundamentals Certification** | 2025
- **Google Advanced Data Analytics Certificate** | 2025

Technical Skills

Analytics & BI: SQL · Tableau · Data Analysis · Business Intelligence · Python · Excel

Programming & Web: Java · R · JavaScript · TypeScript · Angular · Spring Boot · Node.js · HTML/CSS

Tools & Databases: Git/GitHub · Postman · Maven · pgAdmin · PostgreSQL · MySQL

Experience

Molding Super Team Leader

Nemak – Dickson, TN | Dec 2006 – Present

- Oversaw production operations and team performance, tracking throughput, downtime, and defect rates to drive continuous improvement
- Achieved record 98.7% team efficiency, the highest in department history
- Conducted quality audits and root cause analysis, reducing defects by 10%
- Collected, validated, and analyzed operational data, improving efficiency by 15%
- Compiled dashboards and KPI reports for leadership to inform decision-making
- Trained and guided team members on processes, safety, and quality standards
- Promoted through multiple leadership positions, gaining increased responsibility for cross-line operations, quality, and reporting

Dimensional Lab Technician

Nemak – Dickson, TN | Jan 2022 – Mar 2025

- Inspected parts to ensure compliance with contractual specifications
- Performed data entry and analysis to track trends and optimize product quality
- Collaborated with cross-functional teams to implement process improvements and reduce defects
- Produced reports and dashboards summarizing quality metrics for leadership
- Liaised between departments to support data-driven decision-making

FastTrack Developer (Project-Based)

Cook Systems – Memphis, TN | Jan 2024 – Mar 2024

- Developed and tested RESTful APIs using Java, Spring Boot, and PostgreSQL
- Built front-end features with Angular and TypeScript for applications, including a Spotify-themed music game and onboarding portal
- Conducted thorough API testing with Postman to ensure stability and handle edge cases
- Collaborated in Agile teams to deliver projects on time

Projects

TANF Client Services Dashboard – Tableau

- Developed interactive dashboard analyzing client service distribution and outcomes across four regions
- Visualized service hours, clients served, and program outcomes to identify gaps and successes
- Key insights: Job Training led to 100% employment outcomes; Counseling and Education had high dropout rates
- Provided recommendations to improve program reach and effectiveness

E-Commerce Sales Analysis – Tableau & Google Sheets

- Analyzed 10,000 rows of transactional data to uncover revenue trends, customer behavior, and product performance
- Created dashboards highlighting top products, top customers, revenue over time, and key KPIs
- Performed data cleaning and wrangling: handled missing CustomerIDs, flagged returns, calculated total sales metrics