

Teja Tammali

teja.tammali0@gmail.com | tejatammali.github.io | linkedin.com/in/tejatammali | (301)-956-0804 | D.C. Area

EXPERIENCE

End of Day Pricing Associate, Operations | Morgan Stanley

October 2022 - Current

- Pioneered a transition from an Excel-based commentary system to an Alteryx solution for daily exception reports, reducing processing time for **30,000+ products from roughly 30,000 seconds to just 10 seconds**.
- Directed and supervised a global vendor team of 6 and orchestrated daily discussions addressing issues such as **price challenges, scaling discrepancies, and currency matters** toward client and firm products
- Successfully identified & defined rules to monitor the quality of securities reference data against external sources, including Bloomberg/Reuters, leading to improved **33% data accuracy & completeness** for the firm

Data Analyst Volunteer | U.S. Department of Veterans Affairs

May 2022 - January 2023

- Evaluated areas for improvement & developed recommendations for the web analytics team to lead to an increase in SEO activities, positive traffic trends, & SERP rankings, which showed an **increase in traffic to blog posts of 13%**
- Composed a design document & developed a set of **Python** scripts & **SQL** queries to represent API-based applications/scripts to support **Tableau** operations, saving over 10 hours a week of manual labor
- Utilized **Google Analytics** to collaborate with web developers, confronting issues of irregular bounce rates of 1.19%

Business Analyst Apprentice | Kinetic Potential Workforce Development

January 2022 - May 2022

- Created a student retention dashboard on **Tableau** calculating the retention model, reducing student attrition by 10%.
- Built from scratch 5 expressive, dynamic dashboards to visualize trends in student performance displayed as persistence patterns presented in aggregated & disaggregated formats, showing an **improvement rate of 8%**
- Wrote reports to present to the **stakeholders** with data-driven insights & tracked **KPIs** on an ad-hoc & recurring basis

Front-End Developer Intern | Grassroot

May 2021 - August 2021

- Designed **3+ interactive landing pages** for a native app-based platform to connect individuals to political candidates
- Optimized user experience & accomplished webpage objectives by creating site structure, **decreasing load time by 6%**

PROJECTS

Evaluai: AI-Powered University Education Platform | Dart, Flutter, PHP, Moodle LMS

github.com/umgc/fall2024

- Developed an AI-powered platform for personalized learning, automated quiz generation, and essay grading.
- Designed system architecture integrating **APIs** (LLM, Moodle LMS, and Compiler Services) to enhance scalability and performance.
- Collaborated with a team of 7 to deploy features such as rubric-based grading and secure submission systems.
- Utilized CI/CD pipelines and Docker for deployment on **AWS** infrastructure, ensuring 99.9% uptime.
- Authored technical documents, including Deployment Guides and User Guides, streamlining adoption by users and administrators.

Guitar Store Inventory | SQL, PHP, XAMPP

github.com/tejatammali/Guitar-Shop-Inventory

- Prepared & managed a database schema containing 7 tables that support a small-scale web-enabled application.
- Performed **CRUD** operations with a team of 3 associates to maintain updated records.
- Utilized Joins & sub-queries to simplify complex queries involving multiple tables while optimizing procedures & triggers in production.

EDUCATION

University of Maryland, Global Campus (UMGC)

Adelphi, MD

Masters of Science - Information Technology, Software Engineering

University of Maryland (UMD)

College Park, MD

Bachelors of Science - Information Science, Data Science | *Distinctions* - Academic Honors

SKILLS & CERTIFICATES

Languages: Python (*Pandas, NumPy, Scikit-learn*), Java (*Netbeans, JUnit, Selenium*), R (*dplyr, ggplot2*), SQL, JavaScript (*ReactJS*)

Automation & Analytics: Alteryx, Tableau, PowerBI, MS-Excel (VBA Coding, Pivot Tables, Vlookups), Google Analytics

Other: Team Leadership & Supervision, Process Optimization, Data Governance, Agile Methodologies (*Kanban, Scrum*)

Certificates: Alteryx Designer Core, Google Data Analytics