John Tawadrous . Jarvis Consulting

As a passionate software engineer, I am driven by the opportunity to tackle dynamic challenges and make meaningful contributions in the software development field. With a robust foundation in programming and a keen problem-solving aptitude, I thrive in environments that encourage continuous learning and innovation. My dedication to staying at the forefront of emerging technologies fuels my drive to create impactful solutions and drive positive change. I am eager to leverage my skills, creativity, and passion for innovation to propel forward-thinking organizations towards their goals.

Skills

Proficient: Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git

Competent: Python, Docker, Spring Boot, AWS, RESTful APIs

Familiar: JavaScript, HTML/CSS, Hibernate, REACT, ITIL

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_JohnTawadrous.git

Cluster Monitor [GitHub]: The project aims to develop a monitoring application for gathering and storing hardware information and usage statistics from multiple Linux hosts into a PostgreSQL database. This application targets system administrators and DevOps engineers who need to monitor system performance metrics over time. Technologies used include Bash scripting for automation, Docker for containerization of PostgreSQL, Git for version control, and SQL for database operations.

Core Java Apps [GitHub]:

- Twitter App:
- JDBC App:
- Grep App: The Grep app is a Java-based application that searches for a text pattern recursively within a given directory and outputs the matched lines to a file. It leverages core Java concepts, the SLF4J logging framework, and Java streams for efficient processing. The app has been dockerized for easier distribution and deployment.

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Sport Betting Application (OkayBetMate): Bet-Mate is an engaging sports betting application centered around matchups. It allows users to create and participate in 1v1 betting contests. Users submit their predictions through Bet Slips, and each bet slip is compared against others in the matchup. The user with the most accurate predictions wins. The platform provides a dynamic and competitive environment for sports enthusiasts to test their betting skills and challenge others.

Professional Experiences

Software Developer, Jarvis (2024-present): Design and implement scalable software solutions, leading development efforts for key projects, and optimizing application performance. Collaborate with cross-functional teams to define requirements and deliver high-quality software products. Leverage modern technologies and methodologies to drive continuous improvement and innovation in the development process.

Education

Western Governor University (2023), Bachelor of Software Engineering, Science and Engineering

Miscellaneous

- AWS Certified Solutions Architect
- ITIL v4 Foundation
- Basketball player
- Competitive gaming