

KYLE MATINZI

 Kyle Matinzi

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SOFTWARE ENGINEER (JAVA & SPRINGBOOT)

I'm a backend software engineer specializing in **Java**, **Spring Boot**, and **SQL**. U.S. Air Force veteran with a proven ability to thrive in high-stakes, mission-critical environments. I focus on building secure, scalable **RESTful APIs** using **Spring Boot**, with features like **JWT authentication**, **data isolation**, and clean layered architecture. I'm experienced in integrating applications with **relational databases**, including **cloud-hosted solutions** like **Amazon RDS** for persistent, scalable data storage and management. I'm currently exploring **distributed systems** and how to build more resilient and scalable solutions.

PROJECTS

Secure Todo API:

A secure, multi-user **RESTful** Todo API built using **Java** and **Spring Boot** with Spring Data JPA, H2 database, Spring Validation, and Spring Security with **JWT authentication**. This application implements stateless JWT tokens for authentication, allowing users to register, log in, and receive signed tokens for subsequent requests. It supports full CRUD operations on todos with user-specific **data isolation** – each user can only access, modify, or delete their own todos (enforced at both repository and controller levels with 403 Forbidden on cross-user attempts). Passwords are hashed with **BCrypt**, and sensitive fields are excluded from responses using `@JsonIgnore`. It includes comprehensive **validation**, **global exception handling** for clean error responses, and a custom JWT filter for token validation on protected endpoints. I learned how to implement production-grade security patterns, including **JWT generation/validation**, **stateless sessions**, and defense-in-depth ownership checks. The benefits are that I can now build scalable, secure backends for real-world applications like multi-role systems.

Project Management Tool:

This is a **Java** based project utilizing **JavaFX** to create the user interface. I utilized **JBDC** (Java Database Connectivity) for the database connectivity and integrated with **AWS RDS (MySQL)** for cloud-based relational database management and storage. The application allows a user to Create, Read, Update and Delete (**CRUD**) projects and the associated tickets with each project. Building this project, I learned how to store data on the cloud via **AWS**. Using this technology will allow for easy scalability of the application and better data backup via **AWS**.

Desktop Scheduler:

A scheduling application built using **Java**, **JavaFX** and **MySQL**. This application implements localization **API's** and a date/time **API** to allow users to have the correct scheduling time depending on their location. It allows a user to query, update, and delete data from the **MySQL** database using a GUI built with **JavaFX**. It includes **exception handling** to handle incorrect user input. I also added username password verification that tracks login attempts and appends them to a .txt file. I learned how to connect to multiple different **API's** and how to implement proper exception handling. The benefits of this are I can now expand the functionality of my applications by accessing things like real time data or payment processing via **API's**.

Inventory Management Tool:

A **Java** application using **JavaFX** to create the user interface. It's designed using the Model-View-Controller (**MVC**) architecture. It supports full Create, Read, Update, Delete (**CRUD**) operations. Implemented search functionality allowing users to search for items either by name or unique ID. I incorporated dialog boxes along with exception handling to help users manage errors more effectively. In building this application I learned how to implement the **MVC** architecture and how properly use dialog boxes.

PROFESSIONAL EXPERIENCE

LA Fitness

Personal Training Director | Seattle, Washington | April 2023 - Dec. 2025

- In one year, I increased my location's monthly revenue 92% from \$28,000 to \$54,000.
- Hired, trained, and developed team members based on their specific positions.
- I introduced a referral program which increased monthly sales 15%.

Master Personal Trainer | Seattle, Washington | May 2014 - April 2023

- Conducted over 21,000 one-on-one personal training sessions.
- 81% client retention vs company average of 70%.
- I designed and developed custom training programs tailored to the customers' needs.
- I communicated technical aspects of training to clients with no experience.

U.S. Air Force

Crew Chief Aircraft Maint. | Bossier City, LA | April 2009 - April 2014

- I inspected, replaced, and troubleshooted varying components on multiple B52 aircraft.
- Managed and directed maintenance operations for multiple aircraft concurrently.
- Ensured teams stayed on schedule and met deadlines.
- Maintained detailed records and notes of maintenance actions on aircraft.
- Awarded U.S. Air Force Achievement medal for outstanding achievement.
- Distinguished graduate of Airman Leadership School: top 10% of ALS graduates.
- Earned Airman Below the Zone (BTZ) early promotion: top 15% of eligible Airmen.
- Upon completion of enlistment Honorably discharged (four years and a one-year ext.).

EDUCATION

Bachelor of Science in Computer Science

Graduated 2022 | Western Governors University

Associates of Science Type II

Graduated 2019 | North Seattle College

Certifications & Other Education

- CompTIA Project+
- CIW Site Development Associate
- Entry-Level Management School (ALS)
- U.S. Air Force Military Training

TECHNICAL COMPETENCIES

Proficient: **Java** | **Spring Boot** | **SQL/MySQL** | **GIT**

Some Experience: **RESTful APIs** | **Spring Security (JWT Authentication)** | **JPA/Hibernate** | **Docker**

Learning: **Distributed Systems** | **Cloud (AWS RDS)** | **Python**