

JEFFREY METZ

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JAVA DEVELOPER

Software enthusiast aspiring to be a backend Java Developer currently pursuing Masters degree in Computer Science, specializing mostly in Java and Spring Boot to build back-end applications. Successfully delivered 4 Academic Software projects as solo projects as well as team projects. Seeking internship or entry level software engineering roles where I can learn and grow with the organization. Working knowledge of Java, Spring Boot, Hibernate, Rest API, and SQL.

• Rest API • Data Structure • Unit Testing • Version Control • Debugging • Object Oriented Programming • IDE

Languages: Java

Web: HTML, CSS

Web Services: REST API

Frameworks: Spring Boot

Databases: MSSQL, MySQL

Platforms: Windows

PROFESSIONAL EXPERIENCE

MAHARISHI SCHOOL, Fairfield, Iowa • 01/2025 – 06/2025

K-12 School.

Middle School Math Teacher

Teaching Math to Middle School Students.

- Designed lesson plans and taught 6th–7th grade mathematics; communicated complex concepts clearly.
- Supervised school activities and supported students with structured guidance and feedback.

MAHARISHI INTERNATIONAL UNIVERSITY, Fairfield, Iowa • 03/2021 – 12/2022

Private University with Higher Education and Consciousness-Based Education.

Rock Climbing Instructor (08/2021 – 12/2022)

MIU Recreation Center

- Ensured participant safety, taught belaying, and maintained climbing equipment in a supervised environment.

Customer Service Representative (03/2021 – 12/2022)

- Supported members with reservations, equipment checkout, and account management using database software.
- Handled frequent requests accurately while maintaining a positive customer experience.

ACADEMIC PROJECTS

Maharishi International University (2026)

- **Real-Time Release Management System:** Built the Notification Service within an event-driven microservices platform, consuming Kafka events to trigger automated email notifications and persisting notification and event logs in MongoDB. Integrated the service with multiple distributed components and monitoring tools to support reliable end-to-end event processing.

- **Food Ordering System:** Developed the Restaurant Service as a RESTful API for managing restaurant data, implementing CRUD operations for creating, updating, retrieving, and deleting restaurant records while supporting reliable integration with other application components.
 - **Project Management System:** Developed the controller layer for a console-based application, processing user input and routing actions through the application workflow. Implemented a JDBC-based data access layer with PostgreSQL for CRUD operations, using parameterized queries and secure data-handling practices to reduce SQL injection risks.
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EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 06/2027)

Maharishi International University, Fairfield, Iowa

Key Courses: Algorithms, Software Engineering, Enterprise Architecture, Software Architecture, Cloud Computing, AI Engineering

Bachelor's degree in Mathematics

Maharishi International University, Fairfield, Iowa (12/2024)