OMY GONZALEZ

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EDUCATION

Western Governors University   *Expected Graduation - May 2026*

- *Bachelor of Science in Software Engineering*

Relevant Course: *Data Structure and Algorithms, Java Fundamentals, Java Frameworks, Back-End Programming*

SKILLS

Languages: Java, JavaScript, Python, Kotlin, SQL, Bilingual (English & Spanish)
Web Development: HTML, CSS, TailwindCSS, React, Angular
Tools: Git, Vitejs, VSCode, IntelliJ IDEA, PostgreSQL, MySQL, SpringBoot
Certifications: CompTia Project+, Front-End Development Certification, AWS Cloud Practitioner Certification

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PROJECTS

Inventory Management Application | *Java, Spring Boot, Thymeleaf*

- Designed and implemented a full-stack Spring MVC web application for inventory tracking, featuring item creation, updates, deletion, and search.
- Built dynamic UI with Thymeleaf templates, form validation, and category-based filtering.
- Developed unit tests and controller logic to ensure application reliability and maintainability.
- Applied Encapsulation and industry best practices to deliver a functional, secure, and user-friendly system.

Interactive World Map | *AngularJS, World Bank API*

- Developed an interactive Angular-based web application featuring an SVG world map with mouse event functionality to highlight countries
- Integrated World Bank API to dynamically display country-specific details, including capital, region, income level, and additional properties
- Implemented responsive design and Angular routing, creating a dual-column layout for a seamless user experience and efficient navigation

CLI Auto File Organizer | *Java*

- Developed a command-line file organizer in Java that categorizes and moves files based on extensions using Files.move(), Paths.get(), and HashMap<String, String>.
- Optimized file handling operations, ensuring seamless execution across different operating systems using Java's Path and File APIs.
- Implemented efficient folder creation and file management by utilizing a Set<String> to track created directories, reducing redundant operations.

WORK EXPERIENCE

Tool Rental Associate | *The Home Depot*   *Sep 2020 – Nov 2024*

- Assisted customers in choosing tools and equipment with informed recommendations
- Answered calls and proactively contacted customers regarding tool availability, pickup times, and rental returns
- Educated customers on tool use and safety, reducing returns