

Livio Angelim Mororo

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PROFESSIONAL SUMMARY

Software engineer with a solid foundation in computer science and over 4 years of hands-on experience in **Java**, **Python**, **C++**, and **JavaScript**. Proficient in developing full-stack web applications, with expertise in back-end development using **Spring Boot**, **Hibernate**, and **Thymeleaf**, as well as front-end technologies like **Angular** and **React**. Experienced in database management (**MySQL**, **SQL Server**), cloud services (**Docker**), and software quality assurance. Passionate about collaborating with dynamic teams to deliver innovative solutions and optimize system performance.

EDUCATION

Bachelor's Degree in Computer Science (2024)
Western Governors University, Salt Lake City, USA

TECHNICAL SKILLS

- **Programming Languages:** C++, Java, JavaScript, Python
- **Web Technologies:** Angular, React, HTML5, CSS3
- **Frameworks and Libraries:** Spring Boot, Hibernate
- **Database Management:** MySQL, SQL Server, JPA/Hibernate
- **Operating Systems:** Linux, Windows
- **Software Development:** Object-Oriented Programming (OOP), Agile Development (Scrum, Kanban), Jira, Version Control (Git, GitHub), Test-Driven Development (TDD), RESTful APIs, Continuous Integration/Continuous Deployment (CI/CD), Multithreading
- **Cloud and Virtualization:** AWS, Docker, Kubernetes, Azure
- **DevOps and Automation:** Jenkins, Ansible, Terraform, Bash scripting, PowerShell
- **Data Analysis and Machine Learning:** Pandas and NumPy with Python, Machine Learning algorithms

SOFT SKILLS

- **Communication:** Strong written and verbal communication, adept at explaining technical concepts to non-technical audiences.
- **Leadership:** Experience in training and mentoring, team management, and conflict resolution.
- **Problem-solving:** Troubleshooting and optimizing systems, creative problem-solving in high-pressure environments.

EXPERIENCE

WITRON Group, Toronto, Canada - *Automated Equipment Op. & Trainer*

NOVEMBER 2021 - APRIL 2024

- Optimized system performance by troubleshooting over 100 technical errors weekly using data-driven approaches and automated scripts, reducing downtime by 15% and enhancing operational efficiency.
- Advanced to trainer within eight months, leading technical training sessions for over five groups, including operators, technicians, and managers, utilizing structured version control systems to manage training materials and track progress.
- Developed and implemented comprehensive training programs that improved team adaptability and retention. Increased productivity by 20% through hands-on workshops, and the use of relational database management systems (RDBMS) to streamline data handling and reporting.

AWARDS

Excellence Award - JULY 2024

By Western Governors University

Recognized for outstanding performance and academic excellence in Technical Communication

CERTIFICATIONS

ITIL® Foundation Certificate in IT Service Management - SEPTEMBER 2024

By PeopleCert

Certified in ITIL best practices for efficient IT service management, focusing on aligning IT services with business needs.

Linux Essentials Exam 010 - AUGUST 2024

By Linux Professional Institute

Certified in Linux Essentials (LPI), demonstrating proficiency in Linux systems, command-line operations, security, and open-source career paths, with strong scores in core Linux skills including system navigation and file permissions.

PROJECTS

Online Learning Platform - Personal Project (available on my GitHub)

Developed a full-stack platform using Spring Boot (Java), Thymeleaf, and JWT for authentication. Managed user roles, quizzes, and course tracking. Deployed on Docker and secured APIs with JWT.

Texas Hold'em Poker Game - Personal Project (available on my GitHub)

Created a poker game with JavaScript for card management and chip tracking. Focused on game mechanics, OOP principles, and further expansions including online multiplayer and AI opponent logic.

EduFlow System - Developed for WGU (available on my GitHub)

Built a C++ system for managing educational data with SQLite, REST APIs, unit testing, and a GUI using Qt. Implemented concurrency, error handling, and deployed to AWS using Docker.

Global Application Suite - Developed for WGU (available on my GitHub)

Developed a multi-threaded Spring Boot application with Angular and TypeScript for localization, currency display, and time zone conversion. Used Maven, Docker, REST APIs, and Git for version control.

Back-End Programming Project - Developed for WGU

Built a Spring Boot application with complex entity relationships, database management (JPA/MySQL), and validation. Implemented RESTful services and checkout functionality. Used Lombok, JPA, and Git.

Java Frameworks Project - Developed for WGU

Customized a Spring MVC app with user interface improvements, inventory validation, and a "Buy Now" feature. Integrated Bootstrap for design and tested with JUnit.