DONOVAN JUCA

Java Software Developer

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Portfolio: 🌐 donovanjc.github.io/

EXPERIENCE

Java Software Engineer
Linea directa

📅 January 2024 – December 2024   📍 Madrid, Spain

- Developed and maintained RESTful APIs using Java and Spring Boot, supporting critical business functions within a microservices architecture, ensuring scalability and high availability for various backend services.
- Designed, implemented, and tested batch processes for data processing, integration, and synchronization across multiple systems, leveraging Spring Batch to handle large-scale data efficiently.
- Utilized Postman and SoapUI to develop comprehensive API test cases, ensuring thorough validation of service endpoints, including functional, security, and load testing for various services within the ecosystem.
- Collaborated with cross-functional teams in an Agile environment, participating in daily stand-ups, sprint planning, and code reviews to ensure alignment with business requirements and timely delivery of features.
- Actively contributed to the design and implementation of new features, following Agile best practices and ensuring that all code changes adhered to established coding standards and performance benchmarks.

Java Software Developer Engineer in Testing
Admiral Group

📅 January 2022 – January 2024   📍 London, United Kingdom

- Developed and maintained automated test scripts using Selenium WebDriver for functional and regression testing of a new, internally-developed framework, ensuring high quality and reliability across various web applications.
- Designed and implemented test automation frameworks in Java, integrated with Jenkins for continuous integration, and Spring Boot for seamless test execution across various microservices.
- Utilized Java and the Spring Boot framework for back-end testing, building robust REST API tests and validating services under various load scenarios.
- Mentored junior team members on best practices for writing maintainable and scalable test code and improving automation strategies for testing complex systems.

MY LIFE PHILOSOPHY

"Embrace challenges, grow through experiences, and live with purpose."

STRENGTHS

Hard-working   Attention to Detail
Team Player   Problem Solver
Adaptable

Java   Spring Boot
Relational - Non-relational db
Api development   TypeScript

LANGUAGES

English   ●●●●○

Spanish   ●●●●●

EDUCATION

B.Sc. Computer Science
Goldsmiths University of London

📅 Sept 2017 – Oct 2021

First-Class with Honours

REFEREES

Mentioned on my Linkedin recommendations section :)

PROJECTS

orderProductsProject

Spring boot/Microservices

In this project, I developed a robust order processing system with Spring Boot using a microservices architecture. The system utilized MongoDB for handling unstructured data and MySQL for structured data management. I worked with API Gateway for routing requests and ensuring seamless communication between microservices. The architecture also incorporated Circuit Breaker patterns to enhance system resilience and prevent cascading failures. One of the key components of this system was the use of Kafka for event-driven communication between services, allowing asynchronous, real-time data processing. This project showcased my expertise in designing scalable, distributed systems, and my ability to implement modern architectures in a complex enterprise environment.

EcommerceProject

Spring boot/Angular

In this project, I contributed to the development of an e-commerce platform using a monolithic architecture built with Spring Boot for the backend and Angular with TypeScript for the frontend. I was responsible for building and maintaining both the frontend and backend components of the application, ensuring seamless interaction between the two. The backend utilized MySQL for efficient data storage and management, while the frontend offered a responsive and dynamic user interface. Through this project, I gained hands-on experience in full-stack development, integrating both layers to create a unified, functional system that handled product listings, user management, and order processing.

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fitApp

React Native

As my final year project, I developed a mobile fitness application (FitApp) using React Native, where I successfully integrated Google Maps API for location tracking and Firebase for real-time database management. What set this project apart was my ability to self-learn new technologies independently, including React Native, Firebase, and mobile development practices. The app provided users with personalized fitness plans, progress tracking, and community features, helping them stay motivated. The completion of this project is a testament to my strong self-learning capabilities and commitment to personal development in the rapidly evolving mobile app development space.