JAILSON EDUARDO ÉVORA

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PROFILE

A highly motivated and energetic Software Engineer with a master's degree in Informatics Engineering by University of Aveiro, skilled in .Net(5), WCF(5), C#(5), Java(8), Spring Boot(2), SOA(5). I have been working with many different variants of frameworks for several projects. I have professional experience with infrastructure and back-end logic. This enables me to make performance decisions and build applications that are secure and scalable.

In a real work environment, I feel more comfortable as a back-end developer to design and built data-intensive applications using mostly Java and C#. These applications can incorporate Event-Driven (MOM, Event Sourcing- for enterprise software or Stream Processing- for internet companies) using tools like Rabbit MQ or Kafka, ETL processes, data delivery, RESTful API's (JSON and XML), SOAP-based Web Service (XML) and Workflows.

SKILLS

- ***Senior development*** skills include Microservices (5), SOA (5), SOAP Services (5), Design Patterns (4), Software architecture principles (SOLID or ACID over BASE) (4), Software Design (Composition over inheritance) (4) and designing unit tests to measure the effectiveness of software;
- ***Enterprise Framework*** include J2EE (4), .Net (5), Spring boot (2), Hibernate (4), JPA (4) Entity Framework (5);
- ***Programing language*** like OOP Java (8), C# (5) and Functional programming like Python (6) and Scala (1);
- ***DBMS*** since SQL Server (5), MySQL (8) to PostgreSQL (2);
- ***Event-Driven*** for enterprise software RabbitMQ (3) or Stream Processing for internet companies Kafka(2);
- ***Language,*** English-fluent; Portuguese-native; Spanish-conversational

WORK EXPERIENCE

2018-Present **State-Owned Institution, CG/SIJ, Lead Software Engineer (.Net)**

- The responsibility includes guide team development efforts towards successful project delivery, provide technical leadership to teammates, to ensure the maintaining of high standards of software quality within the team by establishing good practices and habits;
- Design, develop, test, maintain and improve software;
- Participate in peer-reviews and package deployment of releases.
- Lead integrations to external applications and analyze and resolve technical and application problems.

2014-2018 **State-Owned Institution, CG/SIJ, Software Engineer (.Net)**

- Design, develop, test, deploy, maintain and improve the software in addition to manage individual project priorities, deadlines, and deliverables;
- The system was designed using the SOA paradigm, based on WCF to build Restful API and no Restful Service (WS);
- Also, the business rules were built using Windows Workflow Foundation (WF);
- The Web app architecture was built in 3 tiers and use the MVC design patterns;
- In addition, some task is asynchronous with queue jobs, to help the performance and scalability of application;
- The business tier uses the Entity Framework to mapping OR in DAL and the DBMS is SQL Server and the .net server-side language used was c#.

2017-2018 **National Institute of Statistics, Angola (INE), Software Developer (Spring Boot)**

As Individual contributor:

- The responsibility included, to manage, design, develop, test, deploy, maintain and improve the software.
- The main goal of the system is to manage the creation of all commercial entity in Angola.
- It was designed using Spring Boot to build Restful API and no Restful Service (WS).

- The Web app architecture was built in 3 tiers and use the MVC design patterns.
- In addition, some task is asynchronous with queue jobs using Kafka, to helping the performance and scalability of the application.
- The business tier uses JPA and Hibernate to mapping OR in DAL and the DBMS is SQL Server.

2014-2017 **Institute of Electronics and Telematics Engineering of Aveiro, Research Software Engineer**

- One of responsibility included to develop and to manage foundation services and work closely with the architect in research and discover new technologies and new ways to improve the system;
- Provide operational support for kick-starting technical projects and validate technical solutions;
- To design, test, deploy and maintain a simple solution to complex business problems assuring availability and performance with an emphasis on software quality processes and guarantee execution of software architecture principles and design patterns;
- The thesis focused on WfMS, to restructuring the process automation and business logic of Cape Verde Justice Information System built on the .Net framework (WF, WCF, C#).

2013-2014 **IHABA, Full-Stack web developer**

- The responsibility included design, develop, test, deploy, maintain and improve the system;
- The system was designed using YII PHP framework, Bootstrap, and MySQL database.

EDUCATION

2014-2017 **University of Aveiro, Master's Degree, Informatics Engineering**

2017-2018 **University of Alberta, Specialization in Software Design and Architecture through Coursera**

COURSES

2018
1) **Test-Driven Development** (by Microsoft Corporation through Microsoft Virtual Academy)
2) **Software Architecture** (by University of Alberta through Coursera)
3) **Service-Oriented Architecture** (by University of Alberta through Coursera)
4) **Design Patterns** (by University of Alberta through Coursera)
5) **Object-Oriented Design** (by University of Alberta through Coursera)

2017
6) **Implementing In-Memory SQL Database Objects** (by Microsoft Corporation through Edx)
7) **Managing SQL Database Transactions and Concurrency** (by Microsoft Corp. through Edx)
8) **Object-Oriented Programming in C#** (by Microsoft Corporation through Edx)
9) **Build Web APIs using ASP.NET** (by Microsoft Corporation through Edx)
10) **Creating Programmatic SQL Database Objects** (by Microsoft Corporation through Edx)

2013
11) **Heterogeneous Parallel Programming** (by U. Illinois at Urbana-Champaign thro. Coursera)
12) **C++ For C Programmers** (by the University of California, Santa Cruz through Coursera)
13) **An Introduction to Interactive Programming in Python** (by Rice University thro. Coursera)
14) **Functional Programming Principles in Scala** (by É. P. Fédérale de Lausanne thro. Coursera)