LUIS EUFRASIO
SOFTWARE DEVELOPER

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ABOUT ME

Enthusiastic technology professional who loves challenges. Already participated in several critical software projects. Focused on Web Services has participated in many integration projects. The focus has always been on delivering useful products that have their quality and stability proven on a daily basis.

KEY COMPETENCIES

Back-end development
Front-end development
Team leadership
DataBase Designer
Semantic Web Scientist
Quick learner
Problem solver

TECH SKILLS

Programming Languages

Java +14 years
Python +3 years
Javascript +10 years
HTML/CSS +10 years
C# +1 year
Elixir +1 year

EXPERIENCE

(2008 – present)

SENIOR JAVA DEVELOPER
at Secretaria da Fazenda do Ceará - www.sefaz.ce.gov.br
SEFAZ is a State Department responsible for the taxes levied on products sold.

➔ Maintaining SOAP web services in a national project called NF-e (Nota Fiscal Eletrônica). This project is intended to replace the paper invoice with an XML file digitally signed by the issuer. Currently **75.000+** companies in the state consume these services to authorize their electronic invoices. The solution was written in JEE 6 (JAX-WS, JPA and EJB 3).

➔ Maintaining a Web Portal to authorize companies for the issuance of electronic invoices. This solution was developed in JSF, XSLT and EJB 3.

➔ Designed a Relational Database to store the electronic invoices in our Oracle 11g Exadata. Also created a mapping from the XML format to this Oracle relational schema. This mapping was used by our ETL team for the creation of load maps. The schema was designed using Sybase PowerDesigner tool.

➔ Built a Web Application accessed by **1.500+** users to make queries and reports over the electronic invoice relational database. This legacy application was designed with Struts, Spring, Hibernate and Jasper Reports. Functional tests were created using Selenium IDE and DBUnit.

➔ Built a REST Web Service project to serve electronic invoices as JSON resources for our internal applications. This project was written in JEE 7 (JAX-RS, CDI and JPA).

➔ Developed SOAP web services in another national project called NFC-e (Nota Fiscal de Consumidor Eletrônica). This project is intended to replace the paper invoice destined to final consumers with an XML file digitally signed by the issuer. This project is at beginning in production and our expectation is having **60.000+** companies consuming the services by the end of 2018. The solution was written in JEE 7 (JAX-WS, CDI, JPA and EJB 3).

➔ Developed a Web Portal to authorize companies for the issuance of NFC-e's. This solution was developed in AngularJs and BootStrap.

➔ Migrated legacy projects from SVN repository to Git (Git Lab).

➔ Followed Git Lab process for merge request which is equivalent to GitHub Pull Requests.

➔ Adopted Scrum agile framework in our self-organized team.

(2006 – 2008)

SYSTEMS DESIGNER and ANALYST
at Banco do Nordeste do Brasil - www.bnb.gov.br
BNB is the largest regional development bank in Latin America whose basic concern is to execute an agile and selective development policy.

➔ Worked with Requirements, Analysis and Design of Bank System for payments in contingency.

➔ Applied RUP (Rational Unified Process) aided by tools like: IBM Rational Software Architect, IBM Rational RequisitePro, IBM Rational ClearQuest e IBM Rational ClearCase.

➜ Modeled the relational database for the whole system with Sybase Power Design.
➜ Calculated software development estimation applying the Use Case Point technique.
➜ Created projects' documentation, including but not limited to Charter, Project Plan, Use Cases, Functional and Nonfunctional Requirements and System Maintenance Plan.

(2004 – 2006)

Junior Java Programmer

at SERPRO - http://www.serpro.gov.br/

Leading in the IT market for the public sector, the company has a national presence, robust technological infrastructure and extensive experience with huge systems of the Federal Public Administration.

➜ Built the document control system for the AGU (Federal Lawyers Agency) using Struts, Spring, Hibernate and OpenOffice API.
➜ Developed a solution to migrate Clear Case version control repositories to Subversion (SVN) with Pearl language.
➜ Requirement analysis and prototyping of payment systems for the AGU at Brasilia-DF.

EDUCATION

(2010 – 2014)

Master of Science in Computer Science

at Universidade Federal do Ceará - www.ufc.br

UFC is a federal university associated to the Ministry of Education.

➜ Built a tool called R2RML By Assertions for semi-automatic generation of customized R2RML mappings.
➜ Have publicated papers about Linked Data in 3 international conferences: ESWC-2013, SAC-2014 and IDEA-2014.

(2016 – 2017)

Machine Learning Specialization

at Coursera - www.coursera.org

Specialization by Washington University, Washington DC (United States)

➜ Courses: ML Foundations, Regression, Classification and Clustering & Retrieval.

(2004 – 2005)

Web Development Specialization

at Universidade Federal do Ceará - www.ufc.br

➜ Main Courses: GoF Design Patterns, Java for Web (JSP & Servlets), Distributed Systems (CORBA), Advanced Computer Networks and An Introduction to Artificial Neural Networks.

2000 – 2003)

Bachelor of Science in Computer Science

at Universidade Federal do Ceará - www.ufc.br.

➜ Main Courses: calculus, linear algebra, programming logic, data structures mathematical logic, relational databases, software engineering, computer networking, operating systems, computer graphics, algorithms in graphs

CERTIFICATIONS

➜ ITIL Foundations (2017)
➜ PADI Open Water Diver (2009)
➜ IBM SOA Associate Certified (2007)
➜ Sun Certified Associate for the Java Platform, SE (2005)