

Diego Azevedo

SOFTWARE DEVELOPER

ABOUT ME

I'm an enthusiastic software developer, with great skills in design patterns, Continuous Delivery environments, and Java developing. My goal is to keep learning new skills, tools and technologies to become a great team leader.

I'm a versatile developer, having worked with Java, Javascript, Swift, Objective-C and C. I'm familiar with Linux and Unix environments (Specially Ubuntu, Debian and Mac OS), but I'm also a Windows (Desktop and Server) user.

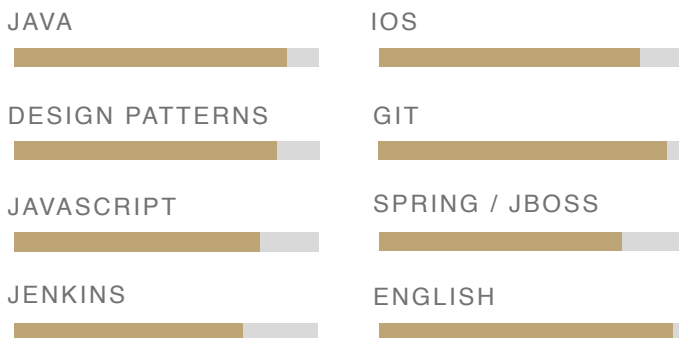
Right now I'm improving my skills, finishing my specialization on Mobile Development on the Higher Education Institute of Brasilia by the next few months.

EDUCATION

Software Development for mobile devices (PgD) 2017-present
Higher Education Institute of Brasilia (IESB)

Computer Science (BSc) 2011-2015
University of Brasilia (UnB)

SKILLS



EXPERIENCES

JAVA DEVELOPER 2018-Present
Brazil's Federal Court of Accounts (TCU)

For the last year, I'm working as an outsourced senior Java developer at TCU. I'm currently the lead developer on the project that keeps track of all admissions, demissions, pensions, retirements and such on the federal government. This project checks the requirements for all these situations, validating on multiple databases whether there is nothing illegal, or worth closer analysis on thousands of such documents.

Right now I'm improving the final step on all this process: the auditor analysis, where I consolidate all info and provide a calculated analysis about the merit for each of these documents.

JAVA / IOS DEVELOPER 2014-2018
e-Sec Digital Security

Since I worked for many years at e-Sec, I also worked on many projects. Firstly I was hired as a continuous delivery architect, creating and maintaining our C.D. environment (Jenkins deploying on JBoss Server, Nexus keeping our artifacts and SonarQube extracting metrics).

Afterward, I helped maintain many Java projects, form server side development using with JBoss and Spring boot to client side using JET-compiled Java code.

On the last year working there, I was the lead developer of their cryptographic library, written in Java, and their iOS (Obj-C) app.

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WORK EXPERIENCES (CONT.)

INTERN 2013-2014
Brazil's Federal Court of Accounts (TCU)

At TCU (Brazil's Federal Court of Accounts), I was on the software architecture team, and was responsible for major refactors in our main libraries, calculating the impact and scheduling release dates with other teams.

I worked on many projects on this team, from implementing pre-commit hooks on our SVN repository using Checkstyle to ensure the code obeyed architectural rules, to a SonarQube plugin to ensure that the code being delivered from external teams only improved overall quality.

I was pleased to work with some of the best developers in the world, including Paulo Merson, visiting scientist from Carnegie Mellon's Software Engineer Institute, Java One talker, whom I was under direct supervision.

INTERN 2013
Brazilian Army

I was a research intern at Brazilian Army, on a classified project, where we evolved a private framework, Cortex, to help command and control decisions. Cortex is a client application with many distinct characteristics on who and when on could view any data, and that was dynamically defined by the mission commander.

I was also responsible for the research on Continuous Integration environments for their needs, configuring VMs with GitLab, GitLabCI, Jenkins; and researching their ease to integrate and trigger builds, among other characteristics.

PROJECTS AND TECHNOLOGIES

E-PESSOAL: Web client developed and used by the TCU to create, audit and route public records

Java 7, Maven, Eclipse, JBoss, Spring, Jenkins, JSF

CERTILLION: App and Web Service to digitally sign documents on your phone.

Java 8, Maven, Eclipse, JBoss, Angular, Obj - C, Xcode

C-3 WEB: Web Client to sign and validate course conclusion certificates for the University of Brasilia

Java 8, Maven, Eclipse, Springboot, Angular, Jenkins

RA WEB: Web Client to emit digital certificates compliant with Brazilian's laws and regulations, implemented on the army.

Java, Maven, Eclipse, JBoss, JSF, Jenkins

SDK DESKTOP: Desktop application to digitally sign documents on a web browser (using a proprietary Javascript API); It was used on almost all solutions provided by e-Sec

Java, Javascript, Maven, Eclipse, Jetty, Jenkins, JET

EVO SDK: Cryptographic library for digital signatures using Brazilian's regulations, used by e-Sec and a few other companies (usually alongside with SDK-Desktop)

Java, PDF, PDFBox, Maven, Eclipse, Jenkins

E-DEPENDENCY: Web service to analyse Java bytecode and keep an updated graph off all dependencies on TCU projects. Nowadays it's not used, since the architectures not centralized anymore.

Java, Javascript, JSF, Jenkins

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