DOUGLAS MESQUITA

Software Developer

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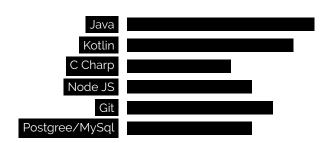
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WHO AM I?

I have been a software engineer for over 8+ years specialised in Mobile Development and Web Development. I am a open-source enthusiast and I love build things from scratch.

- Java
- Kotlin
- C Charp
- Node JS
- Git
- Postgree/MySql

EXPERIENCE

2017 – Present

Android Developer — Security First. Dublin, Ireland

I have been working as an Android Developer in an open source project developing a new version following the guidelines of Material Design, create new features, implementing MVP pattern and developing automatic tests. Umbrella – Umbrella is an Android mobile app developed by Security First that provides human rights defenders with the information on what to do in any given security situation and the tools to do it. There are some libraries that we use such as SQLCipher, Picasso, Crashlytics, AndroidPining, Espresso, Mockito etc.

2017 – Contractor

Android Developer — Spectrum Health. Dublin, Ireland

I worked as an Android developer to finalize a project which was already being developed by the company team. Health Coach – we developed an application to help people live a healthy lifestyle and to practice more exercise. We used somes API to build such as Retrofit, Picasso, Dagger and MPAndroidChart. That application consumed data from a server written in PHP language.

2014 – 2017

Software Developer — Samsung Eletronics. Manaus, Brazil

I worked on Research and Development institute for Android applications and participated giving opinions that involved design and software architecture. Below I describes some projects that I worked in. Accessibility module - I worked with the team that developed a API called Accessibility module for the Samsung Gear VR Glasses. We use samgung's own GVRf library and Android API to develop the Talk Back, Speech, Zoom and Inverted Colours features. RetailMode – I worked on the project to introduce the Samsung mobile phones in the stores. We made use of several Android APIs such as Fragments, Animations, Gson, Retrofit, Dagger, Mockito, Picasso etc. We follow the quality of the project using Sonar and developing unit tests. GVRf Samples – Develop several sample applications to facilitate the use of the Gvrf Api library. These applications showed how to perform animation, the collision of objects, identifica- tion of objects in the scene, creation of multiple 3D scenes, etc. Smart Controls - We developed a prototype for controlling Samsung's air conditioners. In this project, we work in a Wi-Fi communication between the device and air-conditioning where it is possible to increase and decrease temperature, turn on and off and scheduling of functionalities.

2013 – 2014

Mobile Developer — Foca Consulting. São Paulo, Brazil

I developed an Android Mobile Application (Live Taxi) and contributed to software design and innovative features. In this project, I utilized Google Maps API to plot information and add elements to map layers.
Project Description: Application for taxi call, where you can call a taxi and the taxi driver accept the race. To make the communication between driver and passenger was developed an application server writing Node.js

2012 – 2013

Software Developer — Cin - University of Pernambuco. Recife, Brazil

I developed applications for Android smartphones and tablets within the Informatics Center of the Federal University of Pernambuco.
Estadão Widget - I worked on the team where we developed the application for the biggest journal Estão We used communication with webService and populated the data through an Android View (RemoteView).
Reader QRCode - I worked on the team where we developed a QRCode reader for the Samsung Slate tablet. This project was developed using C Sharp for Windows Phone devices.

2007 – 2011	**Software Developer**	**Grupo Provider. Recife, Brazil**

I developed web applications using various technologies and methods provided by the platform and the Java community. The project used a MVC architecture with Struts, Spring and Hibernate. Also, I worked developing the application for Android such as smartphone and tablets.

Project Descriptions:

MONITORIA - I was part of the development team that developed an application to generate reports. We used JasperReport and Birt Report to make this. The application was developed using J2EE

HIPER CARD - I was part of the development team that developed an application for Android. The application was developed to help employees to input data on tablets. The application has some form, take pictures and send data to FTP server.

EDUCATION

2009 – 2012	**Bachelor's Degree in Analyse and Information System**	**Mauricio de Nassau University**
2017 - 2017	**Postgraduate Diploma**	**Dublin City University**
2018 – 2019	**Postgraduate Diploma in Computer Science**	**CCT College**

LANGUAGES

Portuguese - native
English - proficient
Spanish - rudimentary