

# FÁBIO DE OLIVEIRA FRANCO

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## RESUMÉ

Master's degree and a bachelor's degree in Computer Science. Research experience in Artificial Intelligence. Strong background in Mobile and web development applications. Currently working as Full Stack and DevOps developer at IBM. Good knowledge in technologies as Java, Javascript, HTML 5, CSS, C, Objective-C, NodeJS, C#, Polymer, NoSQL, and SQL. Excellent soft and communication skills. Also has experience as a professor in IT courses at SENAC College and at Cruzeiro do Sul University.

## LANGUAGES

Portuguese: Native

English: Proficient

Spanish: Basic

## PROFISSIONAL EXPERIENCE

### FULL-STACK SOFTWARE ENGINEER AT IBM – DECEMBER 2019 - CURRENT

R. Tutóia, 1157, Vila Mariana, São Paulo, Brazil.

Currently, I am a full-stack DevOps professional, working at IBM Garage Methodology site: <https://www.ibm.com/garage/method>. Part of the responsibility includes developing new features from customer's requests and support customized versions of the system.

As part of my contributions are some front-end and back-end features to the IBM garage site, a POC to allow the use of Natural Language API to identify sentiments from clients feedbacks received in the site, some automation tests to capture broken links and data restrictions, etc.

Technologies: NodeJS, Meteor, Vue, Javascript, Git, HTML 5, CSS, NoSQL, Mongo, and IBM Cloud Tools.

### MOBILE SOFTWARE ENGINEER AT IBM – JULY 2014 – DECEMBER 2019

R. Tutóia, 1157, Vila Mariana, São Paulo, Brazil.

Android, iOS, and WindowsPhone Software Developer for Maximo Anywhere product.

During this period, I was a developer wearing many hats, as developing new features for mobile systems, supporting customers in the field (including traveling to customer and business partner sites), automating the build process, preparing apps for Google Play and Apple Store publication, onboarding other developers, mentoring and supporting business partners, participating and elaborating content for training, etc.

Specifically, as a remarkable contribution are: two travels to the USA to solve issues with Anywhere product into Apple, which deal with millions of dollar were in jeopardy; one travel to Uruguay to training a business partner and help them to get the system working to close deals with customers; and a three months travel to Munich, in Germany, to work on the IBM Client Center, helping to develop some IoT projects to the client center.

Technologies: Android (Java), iOS (Objective C), and Windows Phones/Surface (C#), and others such as Java, Javascript, HTML, CSS, RTC, MobileFirst, Cordova, ESRI SDK, DB2, Oracle Database, and Maximo related products.

#### **PROFESSOR AT UNIVERSIDADE CRUZEIRO DO SUL – AUGUST 2018 – DECEMBER 2019**

Av. Dr Ussiel Cirilo, 111 a 213, Vila Jacuí, São Paulo, Brazil.

At Cruzeiro do Sul University, I taught computer science topics in the Computer Science and Systems Analysis and Development courses, such as Data Structure, Oriented Object Programming, Database, Data Modeling, Computer Programming, Development Techniques, Client-Server Systems, and Fundamentals of Information Systems.

Also guided students in several software development projects, where they used technologies learned to develop fully working projects.

#### **PROFESSOR AT CENTRO UNIVERSITÁRIO SENAC – AUGUST 2011 – JUNE 2014**

Av. Engenheiro Eusébio Stevaux, 823, São Paulo, Brazil.

At Senac College, I taught computer science topics in multiple courses, as Computer Science, Computer Engineering, Digital Games, Internet Systems, Systems Analysis, and Development. Some areas I worked in were Data Structure, Oriented Object Programming, Rich Web Applications, Programming Languages, and several project-related subjects.

Also, I was a Mentor in Apple Developer Academy in Senac-Apple partnership, teaching about mobile software development using iOS technology (<http://developeracademy.sp.senac.br/>)

#### **DEVELOPER AT LABORATÓRIO DE SISTEMAS INTEGRÁVEIS – JANUARY 2009 – MARCH 2009**

Polytechnique School of University of São Paulo – Poli-USP

Av. Prof. Luciano Gualberto, nº 380, São Paulo, Brazil.

I worked as a software developer for an internal site, using Java and Hibernate as the main technologies.

#### **DEVELOPER AT INOVAZINIA TECNOLOGIA DE INFORMAÇÃO – APRIL 2007 – AUGUST 2008**

Rua Dr Bacelar, 368 Cj 23, São Paulo, Brazil.

In this period I worked daily with .NET technologies, as C# on ASP.net and Microsoft LINQ, Microsoft SQL Server Database, Visual Studio Team System, and related technologies for web development. The main product developed was an intranet system for an investment bank and its related functions.

Technologies: .NET Framework, LINQ, C#, ASP.net, SQL Server, and Microsoft web development tools.

## **ACADEMIC BACKGROUND**

#### **MASTER IN COMPUTER SCIENCE – 2009-2012**

Instituto de Matemática e Estatística da Universidade de São Paulo – IME-USP

Dissertation Thesis: Alternate Markov Games under Uncertainty (CNPq scholarship).

During this period, my research was focused on Planning in Artificial Intelligence using Game Theory. The dissertation can be accessed at <https://www.teses.usp.br/teses/disponiveis/45/45134/tde-19022013-093705/pt-br.php>

## BACHELOR DEGREE IN COMPUTER SCIENCE - 2005-2008

Universidade Cruzeiro do Sul – Unicsul

Scientific Research: Efficient Strategies for Search problems in FPS Games (Pibic-Unicsul scholarship)

## TECNICAL COURSE IN MECATRONICS - 2003-2004

Escola Técnica Estadual Presidente Vargas – ETEPV

## COMPLEMENTARY BACKGROUND

2020 – English for Effective Business Speaking - Coursera

2018 – IBM Cloud Garage Method Advocate – IBM

2017 – Lab Studio Activation - IBM

2015 – Android Advanced Course – Caelum – 20h

2014 – Advanced iOS Programming – ENG - 40h

2013 – Beginning iOS Programming – Big Nerd Ranch – 120h

2009 – Microsoft Certified Professional – MCP – 072-536

2008 – Student to Business – Microsoft

2005 – Linux – Sun Microsystems do Brasil

## PRIZES AND RECOGNITIONS

IBM Manager's Choice Award – 2019 program for demonstrating the Practice: Put the Client First.

IBM Manager's Choice Award – 2019 program for demonstrating the Practice: Unite to Get it Done Now.

IBM Manager's Choice Award – 2018 program for demonstrating the Practice: Show Personal Interest.

IBM Manager's Choice Award – 2018 program for demonstrating the Practice: Put the Client First.

IBM Manager's Choice Award – 2018 program for demonstrating the Practice: Unite to Get it Done Now.

IBM Manager's Choice Award – 2017 program for demonstrating the Practice: Unite to Get it Done Now.

IBM Manager's Choice Award – 2016 program for demonstrating the Practice: Unite to Get it Done Now.

IBM Outstanding Innovation Award – 2015: Maximo Anywhere App Incentive Program.

IBM Manager's Choice Award – 2015 program for demonstrating the Practice: Unite to Get it Done Now.

IBM Manager's Choice Award – 2015 program for demonstrating the Practice: Share Expertise.