MICHAEL SILVA

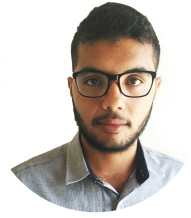## Full-Stack Developer

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LATEST EXPERIENCE

CTO
Bydigital

📅 Jan 2010 – Oct 2014   📍 Taguatinga BRAZIL

- Web and Mobile Projects and Mobile applications
- HTML5, CSS3, JS, jQuery, AngularJs, PHP, Java Objective-C
- Idealization of the projects using Photoshop and Fireworks

Senior Developer
BSI Tecnologia

📅 Fev 2015 – March 2017   📍 Brasília BRAZIL

- Web and Mobile Projects with HTML5, CSS3, JS, SASS, Gulp and Ionic
- Development to Back-End using: Java and NodeJs
- DB2, Mysql, Solr database administration and Bigdata (Hadoop)

Senior Software Engineer
IBM

📅 March 2017 – Oct 2017   📍 Brasília BRAZIL

- Web Projects with HTML5, CSS3, Js, jQuery, SASS, Gulp, Angular 2, TypeScript and Ionic 2
- Development to ETL using: Scala
- Mysql database administration and Big Data environment

Senior Software Engineer
Stefanini

📅 Oct 2017 – 2019   📍 Brasília BRAZIL

- Development using Scala, Java and IBM Drools
- HBase, Elasticsearch, MongoDB, Hazelcast, Redis database administration
- Web Projects with HTML5, CSS3, Js, jQuery, SASS, Gulp, Angular 2
- Bigdata Ecosystem (Hadoop, Spark, Ambari, Hortonworks, Cloudera)
- Architectural software studies and decisions
- Reactive System: MQTT, Rendezvous and Apache Ignite

Application Architect
IBM

📅 March 2019 – Ongoing   📍 Brasília BRAZIL

- Mobile Projects with React Native
- Development to Back-End using: NodeJs and Python
- Mysql, Mongo, ETCD and Redis administration
- Cloud administration (Microservices) with Kubernetes and OpenShift
- Architectural software studies and decisions

MY LIFE PHILOSOPHY

"Today I learned that to grow in life, we have to study."

CERTIFICATIONS

🏆 **Java SE 8 Programmer**
Certification made in July/2016 in Brazil.

🏆 **Microsoft Certified Professional**
Certification made in Jan/2016 in Brazil.

🏆 **Microsoft Specialist**
Programming in HTML5 with JavaScript and CSS3, number F554-0362. Made in Jan/2016

STRENGTHS

Mysql · NodeJs · Elastic Search · SQL · PHP · JAVA · Swift · Android · MongoDB · Express Js · Javascript · TypeScript · Hadoop · jQuery · CSS3 · Gulp · SASS · HTML5 · AngularJs · Angular 6 · Ionic 1 and 2 · Cloud Aws · Cloud Azure · Cloud Bluemix · Watson · Hazelcast · MQTT · HBase · Redis · Scala · Ignite · Drools · React · React Native · Devops · Jenkins · CD/CI · Scrum

LANGUAGES

Portuguese   ●●●●●

English   ●●●○○

EDUCATION

Master in Computer Science
University of Brasilia – UnB
🗓 Jan 2019 – Ongoing

Title: Software Engineer

Post Graduate Computer Science
PUC – Minas
🗓 Jan 2019 – 2020

Title: Data Science and Big Data

Post Graduate Computer Science
PUC – Minas
🗓 Jan 2017 – Jan 2018

Title: Distributed Software Architecture

Bachelors Computer Science
University of Brasilia – UnB
🗓 Jan 2009 – Dez 2015

Thesis title: Voluntary Geographic Information System

Computer Technician Information Systems
Technician School - ETC
🗓 July 2008 – March 2010

AWARDS & TEACHINGS

Chatbot Hackaton
SERPRO
🗓 Jan 2017   📍 Brasília BRAZIL

- Event URL: http://hackathon.serpro.gov.br/
- 2nd position in overall standings
- Using Watson services: Conversation, Visual Recognition, Speech to Text and Text to Speech
- Setting up the Bluemix-IBM environment

Angular Course
BSI Tecnologia
🗓 August 2016   📍 Brasília BRAZIL

- Teaching from scratch how to use AngularJs to create web projects in a class of 9 students.

Basic Java Course
BSI Tecnologia
🗓 October 2016   📍 Brasília BRAZIL

- Teaching the main concepts and characteristics of the Java language, including Object Oriented Programming

SOME PROJECTS

Final Bachelor project
https://youtu.be/vvYF2hEA46k
🗓 6 Months

App using Back-end in Java and Front-End in Swift.

Personal Page
Open Source project
🗓 1 Month

Static website, made with HTML5, CSS3, SASS and Gulp
http://michaelsilva.io

NBR 12721 - Website
http://nbr12721.com.br/
🗓 3 Months

CSS3, HTML5, PHP and Mysql

More Projects
https://www.behance.net/michaeldfti
🗓 2 Years

ARTICLES

Geographic information system with public participat on IoS system
CISTI 2017
🗓 Jan 2017   📍 Lisbon, Portugal

- URL: `http://ieeexplore.ieee.org/document/7975792/`

FREELANCER

Data Meaning
Bigdata
🗓 3 Months

Scala, HBase, Spark, Pig, Hive
https://datameaning.com/