Tito Barbosa Rezende

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Languages:

Portuguese – Native | English – Fluent | Spanish - Advanced

Education:

2020 – 2022   **Msc of Computer Science**
   University of Campinas (Unicamp)
   ◦   Machine Learning research on Health Care
2020   **Data Science -Specialization- IC/Unicamp**
2003 – 2007   **Electrical Engineering**
   University of Campinas (Unicamp)
2001 – 2003   **Software development**
   Technical School of Campinas University (COTUCA)

Papers and Publications:

"Tuning machine learning models to detect bots on Twitter," 2020 Workshop on Communication Networks and Power Systems (WCNPS), Brasilia, Brazil, 2020, pp. 1-6, doi: 10.1109/WCNPS50723.2020.9263756.
https://ieeexplore.ieee.org/document/9263756

Certifications:

AWS – Solutions Architect Associate
Google Cloud – Professional Data Engineer
Google Cloud – Professional Cloud Architect

Rewards:

(06/2022) - Motorola: ISO LA Excellence Award - Team Excellence
(09/2020) - Eldorado FLASH (Server Team)
(12/2019) - PEEC: Eldorado Excellency Reward Program
(12/2019) - Motorola "Partner" Reward
(08/2019) - Eldorado FLASH (Android Team)
(03/2019) - Motorola "Partner" Reward

Professional Experience:

2021-current **Motorola Mobility**   Jaguariúna-SP
Technical Leader
   ● Tech Lead of Motorola fintech initiative, the Dimo digital account
   www.motorola.com.br/dimo
   ● Responsible for the architecture design of mobile apps, using React, Nest.JS, Kubernetes on AWS (EKS)
   ● Working with the business team defining technical roadmap, assisting project leaders and product owners in estimates, resource allocation and deadlines.
   ● Responsible for the technical interface with Motorola partners

2018-2021 Instituto de Pesquisas Eldorado   Campinas-SP
System Architect

- Architecture definition and implementation for mobile apps on AWS Cloud.

Senior Backend Software Engineer

- Technical leader of a mobile trade solution, taking responsibility from the first prototype to final delivery and adoption by LATAM team, replacing a 3rd party solution.
- Developer of web portal and mobile backend for a productivity APP that included: location tracking, task management and timesheets, using TypeScript (Angular 9) and JavaScript (NODEJS)
- DevOps engineer part of a 24/7 support team, securing, monitoring and maintaining around 160 servers on AWS Cloud. The solution used several AWS services such as EC2, S3, RDS, Redis, Athena, Redshift, Kinesis, Lambda, Dynamo, CDN, Route53.

Senior Android Software Engineer

- Technical leader of Android team, being responsible for the software architecture, interface with other teams and also training and leading junior software engineers.
- Developer of a communication app, using Kotlin, Java and C++ (NDK)

2009-2018 Strack Engineering and Consulting   Campinas-SP
Senior Engineer / Software Developer

- Inventor and developer of an Oil&Gas production data report software to National Petroleum Agency (ANP), using C# and Postgres
- Developer of industrial communications drivers for protocols such as OPC and MODBUS, with integration to web services (SOAP/WSDL) and databases (Oracle and SQL Server).

Consultant

- Professor in several in-company courses on Fiscal Metering, Uncertainty calculation, Flow Computers training.
- Consultancy on complex metering problems investigation and advisory on fiscal measurement regulations (ANP – National Petroleum Agency) for Oil companies as Shell and Chevron.

Automation Engineering

- Solutions Architect on automation and instrumentation.
- Responsible for automation systems design, procurement, construction management and commissioning (startup), in several onshore and offshore metering systems for Petrobras, Shell, Chevron, Statoil.

2007 – 2009   Schlumberger   Catu-BA / Mossoró-RN
Radiation Security Officer

- Responsible for representing Schlumberger to Brazilian National Commission of

Nuclear Energy (CNEN) on Catu-BA and Mossoró-RN bases, approved by CNEN national exam as Radiation Supervisor PP-0062.

Field Service Engineer
● Responsible for the Wireline operations in Catu-BA and Mossoró-RN, open and cased hole evaluation services.
● Technical leader of field operations, responsible for radioactivity and explosives risk assessment, job planning, execution and data delivery.
● Interim Engineer in Charge for Catu-BA base. Job schedules, personnel planning, hiring, contact with the client Petrobras.

2006 – 2007   **Procter & Gamble**   Louveira-SP
Management Internship in Engineering