MARCOS RACHID

SENIOR SOFTWARE ENGINEER

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Summary

15 years of experience developed on support, production and development of custom softwares, beside user attendance.

Experience in Java(15+ years), Javascript(15+ years), Python(3+ years) and Golang(3+ years).

Specialized on Cloud technologies in particular the Amazon Web Services and Azure.

Data experience with PySpark and Airflow

Database knowledge Oracle, DB2, MySQL, PostgreSQL, MongoDB, LevelDB and DynamoDB.

Web 3.0 knowledge on blockchain (Bitcoin protocol, Ethereum platform, Hyperledger Fabric & Composer).

Proficient in administration for operating systems Linux and Windows.

Languages

Native Portuguese, Advanced English and Intermediate Spanish(still on going).

Education

Bachelor's degree, Computer Science, Universidade Estadual Paulista "Júlio de Mesquita Filho", Rio Claro, SP, 2007 – 2012

Specialization's degree, Software Engeneering, Universidade Estadual de Campinas, Campinas, SP, 2016 – 2016

MBA, Business Management, Fundação Getúlio Vargas, Campinas, SP, 2021 – 2023

Experience

Senior Fullstack Developer, BairesDev LLC, Remote, Jan/2021– present
BairesDev offers end-to-end solutions for companies of all sizes, from startups to some of the largest companies in the world, including Google, Rolls-Royce, Pinterest, EY, SiriusXM, Motorola, ViacomCBS, Chime, among others. The core of our work is outsourcing, software testing, and operational support, which we provide through fully managed teams that seamlessly integrate into your projects.

• Acting as an allocated resource at Pinterest.

- Developing solutions for different projects and teams.
- Responsible for the development, documentation, and maintenance as a full-stack developer of the retailer product catalog management platform services, using Java 8, Java 17, JUnit, Twitter Finagle, Thrift, Python, Pytest, JavaScript, and React.
- Responsible for the development, documentation, and maintenance of workflows using Spark operators for report and metric generation, using Python, Pyspark, Hive, and Airflow.
- Acting as level 3 support for bug resolution and incident handling.
- Acting as a mentor for BairesDev resources, focusing on Golang developers.

Main stack: Java · JavaScript · Python · Golang · Finagle · Flask · React.js · Thrift · PySpark · Apache Airflow · Amazon Web Services

Tech Lead, Lojas Riachuelo, Campinas/SP, Jun/2020– Jan-2021
Riachuelo is a retail company focused on the fashion and lifestyle ecosystem, and it also has its branch of financial products and services, MBWAY. The innovation area aims to build tools and acquire technologies that can deliver value and different forms of customer service.

- Responsible for managing projects and the Innovation team as a technical leader, as well as monitoring and validating partner innovation solutions.
- Tasked with developing the architecture of solutions within the scope of innovation.
- Responsible for leadership, development, documentation, and maintenance of the voice recognition e-commerce project using Alexa, with Keycloak for authentication, React for the customized interface, and Voiceflow Creator for flowchart creation.
- Responsible for the development, documentation, and maintenance of the checkout API in the project to migrate from Magento to the Riachuelo marketplace, using JavaScript, Node.js, and Express.
- Responsible for managing and maintaining the AWS environment.

Main stack: JavaScript · React.js · Node.js · Sensedia API Gateway · Keycloak · Bootstrap · Amazon Web Services · AWS API Gateway

Senior Fullstack Developer, Logicalis, Campinas/SP, Apr/2019 – Jun/2020
Logicalis is a global service provider, with operations in Europe, America, Asia, and Africa. Logicalis' IT Services division focuses on developing innovative solutions using IoT, Big Data, AI, and Blockchain concepts.

- Technical leader responsible for the development, documentation, and maintenance of sustainability solutions based on permissioned blockchain ledger, developing APIs using Java Spring Boot and Reactor, and building networks with Hyperledger Fabric using Node.js and Golang to build Smart Contracts.
- Responsible for developing a platform for managing and monitoring IoT assets as a full-stack developer, including

maintaining Single Sign-On via Keycloak and API Gateway via Kong, and creating interfaces using React and Java services with Spring Boot.
•   Management of the Azure environment in collaboration with the DevOps team.

Main stack: Java · JavaScript · Golang · Node.js · React.js · Keycloak · Kong · Hyperledger Fabric · Bootstrap

Senior Fullstack Developer, MATERA Systems, Campinas/SP, Jan/2017 – Apr/2019
Matera is a provider of instant payment technology, QR code payments, and core banking solutions for financial institutions.

•   Leader and responsible for the development, documentation, and maintenance of on-demand projects focused on settlement with central banks using SWIFT and MPS-BR formats, as well as customized projects, all developed in Java 8, Spring Boot, Node.js, Angular 2-5, PHP, ZendFramework, IBM MQ and Sonar.
•   Responsible for the development and maintenance as a full-stack developer of the microservices package for the banking platform, developed in Java 8, Spring Boot, Spring Cloud, and Netflix OSS.
•   Responsible for maintenance and L3 support of payment systems settlement solutions.
•   Responsible for deployment support of the solutions package provided by Matera.
•   Management of the AWS environment in collaboration with the support team.

Main stack: Java · JavaScript · PHP · Node.js · Spring Boot · Spring Cloud · Netflix OSS · IBM MQ · Sonar · Zend Framework · Amazon Web Services · AngularJS · Angular

Senior Web Developer, 10i9 | Tecnologia • Design • Inovação, Campinas/SP, Feb/2016 – Dec/2016
10i9 is a startup, a company focused on developing solutions with an emphasis on innovation and high added value. Among them are solutions for mobile IoT applications, Big Data, AI, professional hosting, AR/VR/XR, Blockchain, and Cloud Computing.

•   Responsible for the development, documentation, and maintenance of the backend for various on-demand delivery projects, developed in PHP 5, Symfony, and ZendFramework.
•   Responsible for the development of web and desktop interfaces, built in PHP 5 and Java 8, with Swing for generating formatted files.
•   Responsible for researching and developing authenticated hotspot solutions integrated with the cloud.
•   Responsible for managing the AWS environment.

Main stack: PHP · Java · JavaScript · Symfony Framework · Zend Framework · Amazon Web Services · Amazon DynamoDB

Web Developer, Brasil Pré-Pagos, Campinas/SP, Feb/2015 – Feb/2016

Brasil Pré-Pagos is a fintech focused on account management solutions and payment services provision, with a technology-driven approach, developing projects for both B2C and B2B, with an emphasis on prepaid card offerings.

• Part of the development team responsible for creating the account management API and payment settlement, implemented in Java 8 using Spring Boot and JUnit.
• Responsible for the Promotions development team.
• Responsible for the development and maintenance of the B2B card issuance platform for promotions, created in PHP 5, CodeIgniter, Bootstrap, and HTML5.
• Responsible for the development and maintenance of custom platforms for issuing prepaid promotion cards and for developing jobs in crontab for report generation, developed in Java 8 with Spring 3 and tested with JUnit.
• AWS environment management in collaboration with the support team.

Main stack: Java · JavaScript · PHP · Spring Framework · CodeIgniter · Zend Framework · Hibernate · Swagger API · Serviços Web RESTful · SOAP · Amazon Web Services

Tivoli Maximo Administrator & Software Developer, IBM Brasil, Hortolândia/SP, Oct/2011 – Feb/2015
Work in parallel as an Administrator for Tivoli Maximo and as Software Developer.

Software Developer
• Acting as tool developer and optimizing the internal process and organization of the many account customers from IBM. The applications were implemented on Java, PHP and ASP.
• Working on the structuring and administration of databases predominantly DB2 and MySQL.
• Acting on support tickets for the twenty already existent applications created by Automation team • Tools. The applications were hosted by Apache on Linux Redhat distribution environment and IIS on Windows Server 2003 environment.

Tivoli Maximo Administrator
• Working on support of ISM Maximo 6.2, 7.2 and 7.5.
• IBM Tivoli Service Request Manager • Maximo (running on AIX, WebSphere Application Server and DB2).
• Report developer with BIRT and Power Builder.
• User, Groups, Tickets, Configuration & Assets Administration.

Main stack: Java · JavaScript · PHP · ASP.NET · ASP · DB2/SQL · JSP · ISM · WebSphere Application Server

Software Developer Intern, IBM Brasil, Hortolândia/SP, Nov/2009 – Oct/2011
Software Developer on Automation Team • Tools.

- Acting as tool developer and optimizing the internal process and organization of the many account customers from IBM. The applications were implemented on Java, PHP and ASP.
- Working on the structuring and administration of databases predominantly DB2 and MySQL.
- Acting on support tickets for the twenty already existent applications created by Automation team • Tools. The applications were hosted by Apache on Linux Redhat distribution environment and IIS on Windows Server 2003 environment.

Main stack: PHP · Java · JavaScript · Active Server Pages (ASP) · ASP.NET · DB2/SQL · WebSphere Application Server · JSP

Certifications

ITIL v3 Foundations Certified, Exim, 2012(expired)

Scrum Fundamentals Certified (SFC), SCRUMstudy • Accreditation Body for Scrum and Agile, License 80987, 2015

AWS Certified Developer • Associate Level, Amazon Web Services, License AWS-ADEV-3590, 2016(expired)

Oracle Certified Associate, Java SE 8 Programmer, Oracle, 2018

Oracle Certified Professional, Java SE 8 Programmer, Oracle, 2019