

Roberto de Figueiredo Minelli
Software Engineer · Software Developer & Databases

Madrid - Spain | Nationality: Brazilian (NIE Visa - Spain)

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"Try not to become a man of success but rather try to become a man of value." Albert Einstein.

SUMMARY

Resourceful and dynamic Software Engineer skilled in the disciplines of Software Development, Database Development, and Analyzation. Proven abilities in both team led and individual projects; thriving in fast paced and challenging environments

Solid knowledge in OOP, DevOps, Agile Methodologies, AWS, TDD, JavaScript, Node.js, Microsoft SQL Server, MySql, PostgreSQL, MongoDB, and others

Areas of Expertise:

- Software development & databases
- Server-side applications
- Programming languages
- Analytical skills

EDUCATION

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- **Master's degree in Software Engineering** | Pontifical Catholic University of Minas Gerais, Belo Horizonte, Brazil | Sep 2019 - Nov 2020
 - **Bachelor's degree in Mechanical Engineering** | University: Pythagoras College, Governador Valadares, Brazil | Jul 2013 - Jun 2019
 - **Exchange Student - Electronic Industrial Engineering** | University of Granada, Granada, Spain | Sep 2016 - Feb 2018

Further Certifications & Training

- **Microsoft Certified Professional - MCP** | Jun 2019
 - MCSA: SQL 2016 Database Development Charter Member - [Certificate](#)
- **LinkedIn - Agile Software Development** | Oct 2019
 - Agile Software Development - [Certificate](#)
- **IBM - Docker** | Sep 2019
 - Docker Essentials: A Developer Introduction - [Certificate](#)
- **LinkedIn - DevOps** | Aug 2019
 - Foundations - [Certificate](#)
 - Lean and Agile - [Certificate](#)
 - Continuous Delivery / Continuous Integration - [Certificate](#)
 - Microservices - [Certificate](#)
 - Containers - [Certificate](#)
- **Training Education** | Belo Horizonte, Brazil | Dec 2012
 - ITIL V3 Foundations
- **Squadra Tecnologia** | Belo Horizonte, Brazil | Sep 2006
 - Java Programmer

Profile Badges

- Acclaim Profile – [Verification](#)



EXPERIENCE

SENIOR BACKEND SOFTWARE ENGINEER | ARATECH (ara-tech.es) | Madrid, Spain | Feb 2020 – Present

- Participate in the entire application lifecycle, focusing on coding and debugging (SDLC)
- Build robust and scalable software in Node.js, Express.js, Parse Server, PostgreSQL, MongoDB and others
- Improve code quality through writing unit tests, automation and performing code reviews
- Collaborate with Frontend developers to integrate user-facing elements with server side logic
- Determine operational feasibility by evaluating the problem definition, analysing requirements and proposed solutions
- Document solutions by developing functional and software design specifications, flowcharts, layouts, diagrams, charts
- Collaborate with multidisciplinary team of Backend Software Engineers, Project Managers and System Administrators

Successful Projects / Participations / Activities:

- Effectively collaborated with the team; develop complete backend solutions for mobile and web applications. For this task, we use technologies such as JavaScript, Node.js, Express.js, Parse Server, MongoDB and others

SOFTWARE ENGINEER | WKVE Telecom (wkve.net.br) | Governador Valadares, Brazil | Mar 2018 – Feb 2020

- Executed full software development life cycle (SDLC)
- Determined operational feasibility by evaluating the problem definition, analysing requirements and proposed solutions
- Documented solutions by developing functional and software design specifications, flowcharts, layouts, diagrams, charts
- Provided accurate estimates and timing
- Developed and write sophisticated and testable code to specification
- Integrated software components into a fully functional software system
- Troubleshoot, debug and upgrade existing systems
- Deployed programs and evaluate user feedback
- Maintained and improve existing codebases and peer review code changes
- Harness exceptional interpersonal and cross departmental skills through daily interactions; Liaising with colleagues to implement technical designs

Successful Projects / Participations / Activities:

- Effectively collaborated with the team; developed a complete system for the electronic management of business documents. For this task, we use technologies such as Microsoft SQL Server, JavaScript, Node.js, AngularJS, Express.js, MongoDB and others
- Developed in ADVPL ([Advanced Protheus Language](#)), the language of the TOTVS Protheus ERP system (totvs.com), the function of sending and authenticating electronic fiscal documents to the municipal tax system, files in XML format should be signed with a valid digital certificate. This project was necessary to allow the company to operate in this new city
- Extracted data from primary and secondary data sources, designed and prepared interactive and intuitive dashboards and reports using Microsoft Power BI, Microsoft Excel and turned it into information which can offer ways to improve a business

IT CONSULTANT | Chuá Distribuidora (chuadistribuidora.com.br) | Governador Valadares, Brazil | Oct 2011 -

Sep 2016

- Developed systems through in-depth analysis and internal processes and requirements; translated findings into technical solutions
- Created, analysed and documented testing schedules
- Analysed business processes and requirements and proposed technical solutions.
- Managed and queried data with Transact-SQL; developed custom SQL reports for business analysis
- Provided technical support to the customers; troubleshoot hardware and software; installed productivity and collaboration software and workflow tools. e.g. Microsoft SharePoint
- Created, monitored and tested Backups of critical files and applications within a virtual environment using physical and virtual backup utility e.g. Microsoft Hyper-V Server, Altaro VM Backup, and VSS Backup tools
- Provided efficient and punctual technical support for both hardware and software issues

- Managed the configuration and operation of client-based computer operating systems
- Upgraded systems and processes as required for enhanced functionality and security issue resolution
- Administrate infrastructure, including firewalls, databases, malware protection and other processes
- Provide advice and technical training for junior team members, sales team and end users

Successful Projects / Participations / Activities:

- Developed a set of paged and dynamic financial and commercial reports to be displayed in the SQL Reporting Service, for that I developed the backend in Transact-SQL using Stored Procedures and Views for access database objects and the reporting was developed using Microsoft's RDL language
- Participated in the integration project of the sales force system FastSeller (polibrasnet.com.br) with the ERP TOTVS Protheus (totvs.com), for this purpose it was necessary to develop data entry and exit points stored procedures in Transact-SQL
- Developed a wide range of functional enhancements and performance improvements to dozens of existing modules in ADVPL ([Advanced Protheus Language](#)) and Transact-SQL

IT ANALYST (RESELLER PARTNER) | Beta Sistemas (beta.com.br) | Barreiras, Brazil | Jan 2008 - Oct 2011

- Determined correct installation parameters for ERP software; identified problematic areas and implemented strategic solutions in a cost and time effective manner
- Managed daily activities to include user support and system administration tasks
- Leveraged exceptional crisis management skills; managing the day to day IT troubleshooting processes for users, both locally and remotely
- Upgraded systems and processes as required for enhanced functionality and security issue resolution
- Analysed business processes and requirements and proposed technical solutions

Successful Projects / Participations / Activities:

- Performed a survey of requirements, installation, and configuration of the ERP system for municipal management of the city of Macapá, installed modules were contract management and inventory

SOFTWARE DEVELOPER | Agra Technologies | Belo Horizonte, Brazil | Jan 2006 - Dec 2007

- Develop and write sophisticated and testable code to specification
- Demonstrated impeccable interpersonal and cross departmental skills; communicated with clients to better understand their requirements and source effective, tangible solutions
- Developed and analysed functional specifications
- Designed efficient IT systems to meet business and technology requirements; Keep abreast of technology trends and developments
- Coordinated with developers to build and implement technology solutions
- Integrated multiple systems and reconciled needs of different teams; thrived within fast paced and challenging environments
- Gathered feedback from end users about system performance; suggested improvements and continuously strived for service excellence
- Planned and executed projects (e.g. upgrades, hardware/software installations)

Successful Projects / Participations / Activities:

- Participated in the start-to-finish project of IT governance software. This software was registered with the National Institute of Industrial Property (INPI), with the specifications:
System for IT management, according to ITIL and Cobit standards (2006)
 - Developed in Java and Delphi
 - Allows implementation of change management, service desk, capacity management, CMDB (hardware and software inventory and control of ICs)
 - Reports of strategic, managerial and operational levels
 - Adherence to standards such as SOX

GENERAL SKILLS

- **Language Skills:** Portuguese (Native) | English (Professional Working Proficiency) | Spanish (Full professional proficiency)
- **Industry Skills:** Software Development, Software Architecture, Database Administration, Database Development, Agile Software Development, Software Development Life Cycle (SDLC), Test Driven Development, Amazon Web Services (AWS)
- **Programming Skills:** JavaScript, Node.js, Express.js, Vue.js, AngularJS, Microsoft SQL Sever, PostgreSQL, MySQL, MongoDB, Docker, Git, HTML, CSS, Matlab, Microsoft Excel, LaTeX

PROFESSIONAL PROJECTS

- Obtain further certification from Microsoft, ITIL, and Agile development methodologies

VOLUNTEERING

Aid Volunteer | Minas Gerais - Brazil | Weekly distribution of food to the less fortunate in conjunction with the local church

References Upon Request