

REGINALDO RODRIGUES DA SILVA JÚNIOR

Conjunto Bosque Imperial, 44 apt. 302, São Rafael, Salvador, Bahia, Brazil 41.250-480

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October 6, 2023

Subject: Application for Data Scientist Position

Dear Hiring Manager:

I am excited to express my interest in the Data Scientist position at your company. As an IT professional with a background in software engineering, I am eager to contribute my skills to your dynamic team.

In my previous role, I led the development of an appointment scheduling system, achieving a 100% reduction in appointment conflicts. I also spearheaded billing and revenue processes for a public healthcare unit, reducing posting time by 50%. My involvement in creating the first healthcare information system, implemented in 60% of emergency health hospitals in Bahia, demonstrates my ability to lead impactful projects.

With a strong foundation in project completion across diverse areas, including healthcare regulations and incident management, I bring a unique blend of technical and analytical expertise. My passion for Data Science and Machine Learning, coupled with my hands-on experience, positions me well to contribute to your team's success.

I am available for international relocation and look forward to discussing how my skills align with your team's needs.

Thank you for considering my application.

Reginaldo Rodrigues da Silva Júnior

Enclosure: *Résumé*

REGINALDO RODRIGUES DA SILVA JÚNIOR

Alameda Bosque Imperial, 473, São Marcos, Salvador, Bahia, Brazil 41.254-290
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Data Science Specialist | Machine Learning Specialist | Full-Stack Engineer | Systems Design Development
Database Management | Project Planning and Development | Teleconference Training | IT Governance
Strategic Planning and Implementation | Process Optimization | Staff Coordination | Team Building and Leadership

QUALIFICATIONS PROFILE

IT professional experienced in software engineering and development, with expertise in web, desktop systems, distributed services and databases. Recognized for consistent success in delivering projects within deadlines and specifications. Currently, he expands skills to Data Science and Machine Learning, demonstrating commitment to continuous development. Solid training and experience enable us to face complex challenges, offering innovative solutions. Outstanding interpersonal and communication skills, bilingual in English and Portuguese, ready for international relocation.

TECHNICAL ACUMEN

Python Programming:	Data Manipulation Data Cleaning Data Preparation Machine Learning
Statistical Analysis:	Exploratory Data Analysis Data Visualization
Machine Learning:	Supervised, Unsupervised and Reinforcement Learning Regression Classification Clustering
Deep Learning and Neural Networks:	Artificial Neural Networks Convolutional Neural Networks Recurrent Neural Networks Tensorflow Keras
Databases:	SQL NoSQL MS SQL Server Oracle Database Firebird MySQL
Full Stack Developer:	C# NET Framework NET Core ASP.NET WebForms MVC WebService WebAPI Windows Forms Razor Pages Angular 2+ Javascript CSS HTML
Others:	Anaconda Jupyter Notebook Git SVN Visual Studio Docker

PROFESSIONAL EXPERIENCE

FUNÇÃO INFORMÁTICA AUTOMAÇÃO E SISTEMAS LTDA | São Paulo, Brazil

C#.NET Full-Stack Developer

Jun 2021–Present

- Implementation of new functionalities, as well as enhancement of existing modules in a system for consigned loans. My contributions covered areas such as credit analysis, refinancing, portability, and financial calculations, improving the system's efficiency.

Career Highlights:

- Participation in projects in the financial area
- Experience in 100% remote work
- Knowledge sharing and socialization among the team
- Application of agile development methodologies

CAPGEMINI BRASIL S. A. | Bahia, Brazil

Digital Solutions Consultant IV

Sep 2020–Apr 2021

- Solid experience in developing and maintaining ASP.NET front-end applications, integrated with SQL Server databases, encompassing queries, stored procedures, views, and reports. Involvement in projects in the financial sector, with a focus on billing systems. Proficient in creating solutions that optimize credit recovery processes and delinquency management.

Career Highlights:

- Participation in several projects in the financial / collection area
- Experience in 100% remote work
- Knowledge sharing and socialization among the team

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- *Application of agile development methodologies*

SECRETARIA DA SAÚDE DO ESTADO DA BAHIA (SESAB) | Bahia, Brazil

Web Systems Analyst/Developer - Government Healthcare Public System

Apr 2004–Dec 2020

- Take charge of overseeing all aspects of healthcare web systems analysis, implementation, and support
- Provide expert oversight to the overall development and implementation of hospital systems in most public health systems of Bahia in order to regulate internal procedures
- Execute the production implementation, and delivery of fully tested software application utilizing all phases of system development life cycle
- Organize and facilitate training for users and handle the negotiation of business and system requirements with administrators and coordinators of the public health system units as well as demonstrate expertise in ensuring the appropriate system usage
- Direct the implementation of real-time online emergency web tracking system which enabled public healthcare administrators to access statistical data and determine appropriate reallocation of resources

Career Highlights:

- *Served as the driving force behind the development of appointment scheduling system that minimized appointment conflicts by 100%*
- *Spearheaded the billing and revenue process for a public healthcare unit which led to reduction of posting time by 50%*
- *Played a significant role in creating the first healthcare information system which was implemented in 60% of emergency health hospitals in the state of Bahia*
- *Generated the incident management system according to the Information Technology Infrastructure Library (ITIL) best practice to assist the Technical Support Team in providing efficient technical support, thus, leading to reduced cost and risk and improved customer experience*
- *Took part in completing diverse projects within the areas of healthcare regulations, transplant network administration, administrative controls, and registration*

HOSPITAL GERAL DO ESTADO | Bahia, Brazil

IT Manager

Apr 1993–Feb 2004

- Strategically oversaw hospital technology information area and supervising a team of five people
- Handled all phases of network and database administration and ensured the quality of technical support to users
- Displayed proficiency in using diverse technologies, including systems in Delphi and SQL Server as the database
- Spearheaded the development of computer network system; facilitated training for employees according to computer basic skills, data entry, electronic editing, and spreadsheet usage

Career Highlights:

- *Carried out the overall unit informatization process which involved dimensioning the physical network*
- *Led the development and application of three key systems which controlled patients' flow, bidding and procurement and stock control*
- *Served a significant role in leading the increase in the importance of the IT department in the medical administrative process*
- *Exemplified expertise in implementing the inventory control system, asset registration, bidding administration and procurement systems as well as registration and patient flow system, nutritional control system, admission system, and discharged system for the public healthcare system*
- *Played a key role for the recognition of the hospital as the most modern and computerized healthcare network system of the State of Bahia according to the public healthcare system state official*

EARLIER CAREER

COLÉGIO ADVENTISTA DE SALVADOR. | Bahia, Brazil

Math and Computing Teacher

EDUCATION

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Internet of Things (IoT) | Jan 2023 | FACULDADE METROPOLITANA DE SÃO PAULO, BRAZIL
Data Science and Big Data Analytics | Jul 2022 | FACULDADE METROPOLITANA DE SÃO PAULO, BRAZIL
Computer Software Engineering, MBA | Sep 2021 | FACULDADE METROPOLITANA DE SÃO PAULO, BRAZIL
Bachelor of Computer Science | Aug 2010 | UNIVERSIDADE FEDERAL DA BAHIA (UFBA), BRAZIL

PROFESSIONAL DEVELOPMENT

Statistics for Data Science and Machine Learning (22 hours) - SALVADOR, BAHIA, BRAZIL | Oct 2023
Machine Learning and Data Science with Python from A to Z (45 hours) - SALVADOR, BAHIA, BRAZIL | Oct 2023
Machine Learning Specialist (92 hours) - SALVADOR, BAHIA, BRAZIL | Sep 2023
Tensorflow 2.0: A Complete Guide to the New TensorFlow (12 hours) - SALVADOR, BAHIA, BRAZIL | Jul 2023
Complete Training in Data Science (36 hours) - SALVADOR, BAHIA, BRAZIL | Jul 2023
Data Science Journey (50 hours) - SALVADOR, BAHIA, BRAZIL | Apr 2023
Docker: Essential Tool for Developers (5 hours) - SALVADOR, BAHIA, BRAZIL | May 2021
Getting started with ASP.NET Core (2 hours) - SALVADOR, BAHIA, BRAZIL | Mar 2021
Back-end architecture configuration with .NET Core (3 hours) - SALVADOR, BAHIA, BRAZIL | Mar 2021
Front-end Angular Developer Bootcamp (78 hours) - SALVADOR, BAHIA, BRAZIL | Jul 2020
Fullstack Developer Carrefour Bank Bootcamp (96 hours) - SALVADOR, BAHIA, BRAZIL | Jul 2020
Backend Developer Carrefour Bootcamp (100 hours) - SALVADOR, BAHIA, BRAZIL | Jun 2020
Angular 9 Essential (13 hours) - SALVADOR, BAHIA, BRAZIL | Apr 2020
ITG Summit - First International Seminar on IT Governance (26 hours) - BRAZIL | Mar 2015
Programming in C# Training (117 hours) - SALVADOR, BAHIA, BRAZIL | Feb 2013
Project Management Training (50 hours) - SALVADOR, BAHIA, BRAZIL | Mar 2012
Oracle 9i (Management, Tuning, PL/SQL, Web and Report) (180 hours) - SALVADOR, BAHIA, BRAZIL | Apr 2005