Renato Cesar Correa Boucas Filho

Authorized to work for any US employer

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PROFESSIONAL SUMMARY

As IT manager, I've managed business in Brazil with the aim of transforming and empowering companies around the world, applying innovation and cutting-edge technology to achieve customer goals, productivity, marketing, profits and more. Professional experience of more than 14 years in IT, in which 13 years working as an IT Manager responsible for managing projects mainly in the educational and telecommunication sector related to educational games development, IT infrastructure and licensing for the operation of telecommunication towers. Knowledge of agile methodologies, Scrum framework, quality management standards according to ISO 9001, frontend, backend and database development, as well as tools, Microsoft Visual Studio, GitHub, JavaScript, React.JS, Node.JS, Vue.JS and development like HTML and CSS. After a long IT manager journey, I'm looking forward to start a new career path as a developer and software engineer. With the experience gained in all these years, I believe that bringing this knowledge to systems development and web development will add great value to the projects I will work on. I am an ambitious person who gets the most job satisfaction from projects that require in-depth technical analysis, problem solving capabilities and also the ability to respond quickly to changing requirements and specifications.

EDUCATION

Master Business Administration in Information Technology Management - UNIDERP

Bachelor of Information Systems – Centro Universitario UNA

SKILLS

JavaScript, React.JS, Node.JS, Vue.JS, Express, HTML5, CSS, firebase, MongoDB, framework Scrum, SQL, Atlassian Jira Software, GitHub, Audit of the Quality Management System in accordance with ISO 9001:2015.

LICENCES

- o Professional Scrum Master I   Scrum.org
  https://www.scrum.org/certificates/660604   660604

- o ISO 9001:2015 Lead Auditor – Quality Management System Certification
  PC01E010207 - Global PCS/ICQ-IRCA -   07/2020 to 07/2025

ASSOCIATIONS

- o   SBC Sociedade Brasileira de Computacao   Effective   6/2020 to present

- o   ACM Association for Computer Machinery   Professional   9/2021 to present

HONORS & AWARDS

- o   Master Certificate of Recognition UNIPAC, Uberlandia, Brazil   12/2015

LANGUAGES

- o   English   Full professional proficiency
- o   Portuguese   Native proficiency
- o   Spanish   Minimum professional proficiency

WORK EXPERIENCE

NRB Solucoes e Servicos   IT Manager   8/2016 to present

Uberlandia/MG

➢ Manage IT implementations and developments, directing IT departments, setting priorities, setting deadlines, ensuring quality, management structure and analyzing workflow and results. Plan and coordinate IT projects, support customers and lead IT related projects and workers.

➢ Lead teams with more than 200 employees and outsourced collaborators, including developers, engineers, coordinators, supervisors, technicians, lawyers, accountants and dispatchers to provide services throughout the national territory.

SOME PROJECTS:

Implementation of a cloud-based hospitality system, big data analysis and integration of cybersecurity measures for a restaurant chain in London, UK, whose mission was to integrate restaurants into online management.

- Managed the implementation of cloud-based hospitality management system with JavaScript language and JavaScript Object Notation data exchange between API and HTTPS operator for real-time remote management.
- Planned study and predictive analysis of maintenance, demand, inventory and marketing.

Implementation of IT Infrastructure and Cybersecurity technologies for UNOPAR University with a focus on improving e-learning, network environment, hardware modernization and data security to serve the Ministry of Education.

- BluVector software integration for advanced detection and response with machine learning technology to improve its detection algorithm and engine over time.
- Managed the survey of the dimensions of the network and its coverage area, planning a Spectrum Analysis, installation and integration of all necessary hardware, regardless of the specific work environment.
- Deployment of hardware and software to enhance network, computers, switches and access points with high data transfer rates and network mapping to improve data distribution.

Use of a cloud-based system for Power Business Intelligence integration using Big Data Analytics for Telefonica S.A., leveraging data analysis to improve the process in the licensing operation of more than 600 Wireless Base Station projects.

- Management for pairing Microsoft Azure with the Apache Spark framework to process and store the collected data.
- Created relevant data reports that helped to track the best solutions, produce specific studies such as neighborhood and environment impact, and coverage deficiency through individual radius.

OLAP in Big Data through Cloud Computing for SBA Communication Corporation, managing a crucial role in 32 projects, with the aim of improving action plans for building permits for Wireless Telecommunications Towers.

- Coordinated meetings and plans to carry out inspection and implementation of OLAP for data collection and transformation into SQL code and execution of action plans for the execution of licensing processes for Wireless Telecommunications Towers.
- Implementation of the agile Scrum framework to ensure transparency and agility in the project.

Big Data Analysis and Data Lake generation in SQL through Cloud BI for CSS (Cell Site Solutions), whose objective was to make a strategic approach, improve reports for better signal coverage and reduce cost for the acquisition project for the construction of biosites in depressed areas and small communities.

- Led data transformation for predictive analysis of Big Data using the Cloud-based Business Intelligence system.
- Coordinated various site processing to deploy acquisition locations through the use of the Google Maps API.
- Managed cluster mapping to ensure coverage density and helped the radio frequency team to ensure the best search ring locations and sites.

In-house Big Data analysis and Machine Learning cluster processing with Deep Learning models for Nextel, to provide relevant information for fixing infringement-related telecommunication equipment regularization processes.

- Managed a team to create a data lake and generate SQL databases using the MySQL Server platform.
- Managed data analysis through the RapidMiner tool, to access data stored in databases, data histories, manage and clean data using data types and pre-processing capabilities with machine learning and deep learning models with selection to perform reports and find relevant information for better solutions.

UNIPAC   IT Manager   11/2007 To Present

Uberlandia/MG

- ➢ Manage daily IT operations by analyzing workflow, setting priorities, developing standards and setting deadlines. Meetings with department heads, managers, supervisors, suppliers, and others to solicit cooperation and resolve issues. Review project plans to plan and coordinate project activity. Assigning and reviewing the work of systems analysts, programmers, and other computer-related workers. Providing technical support to users with computer problems.
- ➢ Lead the IT department, including supervisors, coordinators and technicians. In addition, develop training and guidance for more than 4,000 students and 500 employees.

SOME OF THE IMPLEMENTED PROJECTS ARE:

Creation of the Mais Segurança program, following Cybersecurity measures to improve data security with the pillar of risk and failure management for all University Campuses, whose mission was to reduce the number of attacks and data leaks.

- Directed the development of a physical security and cybersecurity plan.
- Coordinated the configuration of a perimeter security server performed by Fortinet NGFW (Next Generation Firewall) for end-to-end protection across the entire network.
- Installation and use of the open-source Snort system (Network Intrusion Prevention System - IPS).
- Windows operating system local object group policy configuration for all University computers and laptops.
- Domain controller system, internal security configuration, non-compliance audits, and security system testing.

Improvements in the IT infrastructure for UNIPAC in the accreditation process analyzed by the Ministry of Education, while seeking authorization to open new undergraduate courses.

- Implementation of a quality management system to follow standards in accordance with ISO 9001.
- He defined meetings to find the best solutions based on the pedagogical didactic approach, budget and physical space to fulfill the requirements.
- Technology layout of planned labs, workflow priorities and deadline.

- Developed data analysis based on physical environment using MySQL Server running in Apache Hadoop environment for data integration, processing and transformation for Microsoft Azure.

- • Managed data handling to security standards, migrating to cloud-based systems and improving hybrid storage.

Cloud computing delivery model with implementation of Blackboard Learn platform to achieve an engaging online environment for university students and increase their academic results for extra-class students of 16 courses.

- He directed the implementation with the collaboration of the Administrative and Pedagogical Directorate.
- Coordinated an instance for the development of integration with the Blackboard teams.
- Managed members of the IT team and led meetings, together with Blackboard teams, worked on training teachers and tutors, integrating systems and adapting content to the new format.
- Configured Blackboard REST API endpoint requirements, sample JSON, request parameters, and response messages.

General Data Protection Measures in accordance with the LGPD (General Data Protection Law), with the mission of strengthening effective control over information, improving Cybersecurity and providing another layer of protection to combat cyberattacks.

- Coordinated mapping of flows and processes involving personal data.
- Created risk plans through risk mapping, to prepare the Impact Report.
- Created a privacy policy and adapted internal and external documents.
- Planned and coordinated tutorials, also training all teams that deal with personal data.
- In conjunction with the board of directors, an assertive information security plan was created based on the ISO-NBR 27,000 set of standards.

Dreosoft do Brasil LTDA   IT Manager   6/2011 to 3/2015

Uberlandia/MG

- ➢ Was responsible for developing the company's master plan, coordinated the hiring of employees, educational game development project for Android and iOS systems, analysis, development and programming of games using JavaScript and Objective-C programming language with Eclipse IDE, NetBeans, Xcode IDE and Unity development tools. In addition to the games developed, I've developed projects in partnership with the educational area, bringing virtual reality experiences to classrooms with java development.

SOME OF THE IMPLEMENTED PROJECTS ARE:

Development of Space Ball and Fruit Bird games, with the mission of providing educational games through Android and iOS platforms.

- Led a team for Space Ball and Fruit Bird game projects to ensure quality and efficiency.
- Managed development through the Eclipse IDE environment using Java Oriented Programming Language.

- Developed games are no longer available for download from official Google and Apple stores, but can be downloaded from the APKPURE website at:

  FruitBird   *SpaceBall*

OTHER CERTIFICATIONS

- o Google Cloud Essentials - *Google*

- o Cybersecurity Essentials - *CISCO*

- o JavaScript Algorithms and Data Structures - *freeCodeCamp*

- o Responsive Web Design in HTML and CSS - *freeCodeCamp*

- o Cloud Computing 101 – AWS Badge
- o Solutions Architect – AWS Badge
- o Cybersecurity Specialist – AWS Badge
- o Internet of Things – AWS Badge
- o Network Transformation - *Intel Corporation*
- o E-Commerce and Digital Marketing Manager - *Internet Innovation*
- o TOEFL Preparation Course / Intensive English Program - *Academic Senior High School*
- o High Intermediate English - *International Preparatory School*
- o Main cases of 5G and IoT Instituto Nacional de Telecomunicacoes – *INATEL*

- *Pitagoras* College Career Path Certificates:
  - Corporate Governance and Compliance
  - Entrepreneurship in Social Impact Businesses
  - Review of web content
  - Quality Control and Management
  - Information Technology Applied to Law
  - Sensor and IoT programming data
  - Analysis with Python
  - Sustainability
  - Project management
  - Entrepreneurship and Innovation
  - Quality Management in the Production of Goods and Services
  - Online education operations and services
  - Creativity Process
  - Spanish improving vocabulary
  - Media planning management
  - Innovation in People Management
  - International law
  - Management of Natural and Energy Resources
  - Electronic Process Creativity
  - Political Economy Strategic Planning
  - HR Audit and Consulting
  - Project management
  - Marketing Communication in Digital Media
  - Communication in Business and social media
  - People management
  - Technology, Digital Law and Intellectual Property
  - International Business
  - Social Service Planning and Administration
  - International Business Planning and Development
  - Management models
  - Social Service and Third Sector