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Ramon Marinho de Azevedo Sorage

Nationality: Brazilian **Date of birth:** 22/03/1990 **Gender:** Male

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ABOUT ME

As a software engineer with a rich career spanning more than a decade, I pride myself on my versatility with multiple programming languages, and tech stacks. Fluent in Portuguese, English and German, I have international work experience that complements my technical skill set. I am especially interested in opportunities that allow me to contribute to the fields of cloud computing and embedded systems.

WORK EXPERIENCE

Backend Engineer (Remote)

Clevertech [04/10/2021 – Current]

City: New York City

Country: United States

Website: https://clevertech.biz/

Software Development
- Develop server-side applications primarily using JavaScript/TypeScript (Node.js).
- Write efficient, scalable, and reusable code that meets project requirements.

DevOps/Infrastructure Management
- Design, build, and maintain system architectures.
- Use Infrastructure as Code (IaC) tools like AWS CloudFormation and AWS CDK to automate deployments.

CI/CD Automation
- Implement continuous integration and continuous deployment pipelines across frontend, backend, and infrastructure projects.
- Utilize tools like GitHub Actions, AWS CodeBuild, and CodePipeline.

AWS Service Management
- Proficient in a wide range of AWS services including but not limited to: CloudFront, Route53, ECS, Lambda, DynamoDB, SQS, SNS, API Gateway, and S3.
- Design and implement serverless architectures from scratch.
- Monitor system health, troubleshoot issues, and maintain well-documented codebases and operational procedures.

Co-Founder & CTO

Majoris [08/2018 – 07/2022]

City: Blumenau

Country: Brazil

Technical Strategy
- Defined and led the company's technical roadmap.
- Oversaw development and operational activities.

Team Leadership
- Managed and mentored the development team.
- Ensured alignment with the company’s strategic vision.

Software Development
- Utilized Java, Node.js and Python and various frameworks for backend systems.
- Designed, implemented, and maintained RESTful APIs.
- Designed, and implemented Event Driven Architectures.
- Utilized databases like PostgreSQL, MongoDB, and DynamoDB.

DevOps and Cloud
- Employed Docker and Gitlab CI for infrastructure needs.
- Leveraged AWS services for scalable solutions.

Senior Software Engineer
Senior Sistemas [10/2017 – 04/2019]

City: Blumenau
Country: Brazil
Website: https://www.senior.com.br

Software Development
- Utilized Java with Spring Framework for backend web development.
- Employed Microservices Architecture and worked with RabbitMQ messaging system.
- Integrated and utilized databases such as PostgreSQL and Oracle in various applications.

DevOps
- Managed infrastructure using Docker and automated workflows with Gitlab CI.

Software Engineer
T-Systems do Brasil [06/2016 – 09/2017]

City: Blumenau
Country: Brazil
Website: https://www.t-systems.com/br/pt

Systems Support
- Provided technical support for Daimler's car, vans, and trucks configurator systems.

Software Development
- Developed web applications using Java (with JSP), HTML and AngularJS.

Junior Software Engineer (Remote)
FEV Europe GmbH [10/2014 – 06/2016]

City: Aachen
Country: Germany
Website: https://www.fev.com/

Software Development
- Created standalone tools around OpenMDM (website: https://openmdm.org/) for internal use.
- Developed a tool to standardize input from fuel analysis across various laboratories using Java (Swing).

Databases
- Optimized database queries to improve performance.

Infrastructure Monitoring
- Created web systems using PHP and bash script to ensure infrastructure components like servers and daemons were operating correctly.

Software Engineer (Intern)
Phoebus [03/2014 – 10/2014]

City: João Pessoa
Country: Brazil
Website: https://www.phoebus.com.br/

Software Development
- Developed Java-based software tailored for Point-of-Sale (PoS) systems in financial institutions.
- Utilized Oracle DB in conjunction with Hibernate for data management.

Software Engineer (Research Assistant)
FEV Europe GmbH [10/2012 – 09/2013]

City: Aachen
Country: Germany

Software Development
- Created standalone tools around OpenMDM (website: https://openmdm.org/) for internal use using Java.

EDUCATION AND TRAINING

Technologist in Systems Analysis and Development (BR: Tecnólogo)

Instituto Federal de Educação, Ciência e Tecnologia de Santa Catarina [06/02/2017 – 19/12/2018]

City: Gaspar
Country: Brazil
Website: https://www.ifsc.edu.br/
Field(s) of study: Information and Communication Technologies: *Software and applications development and analysis*
Final grade: 84%
Thesis: Blockchain-Based System for Milk Supply Chain Monitoring

- **System Analysis and Development**: Analyze, design, document, and maintain computer systems.
- **Programming Skills**: Focus on logical reasoning and programming languages.
- **Project Methodologies**: Employ methodologies for project construction.
- **Quality and Security**: Emphasis on the quality, usability, robustness, and security of computer programs.

LFS253: Containers Fundamentals (eLearning)

The Linux Foundation

Website: https://training.linuxfoundation.org/training/containers-fundamentals/
Field(s) of study: Information and Communication Technologies: *Software and applications development and analysis*
Link: https://www.credly.com/badges/253c2cfc-db3f-4dbe-90fd-780e06e9daae/linked_in_profile

- **Container and Image Operations**: Manage containers and images with different runtimes.
- **Network and Storage Managemen**t: Understand how to manage network and storage in containers.
- **Multi-Container Applications**: Build and run applications using Docker, Docker APIs, etc.
- **Platform Deployment**: Deploy containers on various platforms like Bare-Metal, VM, Cloud.

Graph Data Modeling Fundamentals (eLearning)

Neo4j GraphAcademy

Website: https://graphacademy.neo4j.com/courses/modeling-fundamentals/
Field(s) of study: Information and Communication Technologies: *Database and network design and administration*
Link: https://graphacademy.neo4j.com/u/e0917244-5f4c-47b7-864d-7d5780b1af4b/modeling-fundamentals/

- **Graph Data Modeling**: Introduction to designing a Neo4j graph.
- **Node and Relationship Modeling**: Create nodes and relationships.
- **Testing and Refactoring**: Techniques for testing and improving the graph model.
- **Data Duplication and Special Relationships**: Eliminate duplicate data and specialize relationship types.

Cypher Fundamentals (eLearning)

Neo4j GraphAcademy

Website: https://graphacademy.neo4j.com/courses/cypher-fundamentals/
Field(s) of study: Information and Communication Technologies: *Database and network design and administration*
Link: https://graphacademy.neo4j.com/c/bcd408e3-2ffa-47c9-a65d-06fe8d4c1c5f/

- **Essentials of Cypher Query Language**: Basics of Neo4j's query language.
- **Reading Data**: Techniques for retrieving nodes and relationships from the graph.
- **Writing Data**: Creating nodes, relationships, and update properties.

Neo4j Fundamentals (eLearning)

Neo4j GraphAcademy

Website: https://graphacademy.neo4j.com/courses/neo4j-fundamentals/
Field(s) of study: Information and Communication Technologies: *Database and network design and administration*
Link: https://graphacademy.neo4j.com/c/37463adc-ed58-4c34-bc07-5c50ba7adf41/

- **Underlying Principles of Neo4j**: Foundational concepts that underpin Neo4j.
- **History of Graph Theory**: A journey starting from 1736 Prussia to understand graph theory.
- **Types of Graphs**: Discuss various types of graphs.

AWS Certified Solutions Architect – Associate
Amazon Web Services Training and Certification

City: Blumenau
Country: Brazil
Website: https://aws.amazon.com/pt/certification/certified-solutions-architect-associate/
Field(s) of study: Information and Communication Technologies: *Information and Communication Technologies (ICTs) not further defined*
Final grade: 81,3% **Valid until:** 29/08/2025
Link: https://www.credly.com/badges/df8816a8-c2b3-486b-94bf-95850fde35e7

- **AWS Technology Overview**: Gained a strong understanding of a wide range of AWS services and the AWS Well-Architected Framework.
- **Compute, Networking, Storage, and Database**: Acquired knowledge and skills in these core AWS services.
- **Deployment and Management**: Learned how to deploy, manage, and operate workloads on AWS, including implementing security controls and compliance requirements.
- **AWS Management Console and CLI**: Became proficient in using the AWS Management Console and the AWS Command Line Interface.
- **Technical Requirements and Solutions**: Learned to identify AWS services that meet given technical requirements and define requirements for AWS-based applications.

gRPC Master Class: Build Modern API & Microservices (eLearning)
Udemy

Website: https://www.udemy.com/course/grpc-golang/
Field(s) of study: Information and Communication Technologies: *Software and applications development and analysis*
Link: https://www.udemy.com/certificate/UC-de47f72f-4923-46be-b3d1-e20eede5ee53/

- **gRPC Theory**: Fundamentals of gRPC and how it differs from REST API paradigms.
- **Service Definition and Code Generation**: Write .proto files and generate server & client code in Golang using the Gradle gRPC plugin.
- **API Types and Streaming**: Implement various types of APIs including Unary, Server Streaming, Client Streaming, and Bi-Directional Streaming.
- **Advanced Concepts**: Error Handling, Deadlines, and SSL Security.
- **CRUD API with MongoDB**: Implement a full CRUD API on top of MongoDB, integrating database operations into gRPC services.

Complete Guide to Protocol Buffers 3 (eLearning)
Udemy

Website: https://www.udemy.com/course/protocol-buffers/
Field(s) of study: Information and Communication Technologies: *Software and applications development and analysis*
Link: https://www.udemy.com/certificate/UC-HV83E75J/

- **Introduction and Basics**: Understand basics of Protocol Buffers 3 by creating simple messages using Scalar Types.
- **Complex Messages and Organization**: Create complex messages and organize code across different files and packages.
- **Code Generation with protoc**: Set up the protoc compiler and generate code in multiple programming languages like Java, Go, and Python.
- **Programming with Protocol Buffers**: Specific modules for writing Protocol Buffers data in Java, Go, and Python.
- **Data Evolution and Safety**: Learn how to evolve your .proto files safely, adding or removing fields without breaking existing code.
- **Advanced Concepts**: Advanced Protocol Buffers types, options, integer types.
- **RPC Services**: Introduction to RPC Services with gRPC.

The Complete Developers Guide to MongoDB (eLearning)
Udemy

Website: https://www.udemy.com/course/the-complete-developers-guide-to-mongodb/
Field(s) of study: Information and Communication Technologies: *Database and network design and administration*
Link: https://www.udemy.com/certificate/UC-XYHHWZG9/

- **MongoDB Fundamentals**: Collections, validations, and common record manipulation techniques.
- **MongooseJS Library**: Use MongooseJS to interface with MongoDB, including its advanced features.
- **Test-Driven Development**: Write tests around MongoDB queries to ensure code functionality, with a focus on reusability.

- **NoSQL Schema Design**: Understand the process of designing NoSQL schema and the differences between record associations and resource embedding.
- **Application Development**: Develop fast and responsive apps leveraging MongoDB's speed and flexibility.
- **Modern Development Environment**: Integration of MongoDB, NodeJS, and Mocha for a comprehensive development setup.

LANGUAGE SKILLS

Mother tongue(s): **Portuguese**

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

German

LISTENING C1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Spanish

LISTENING B2 **READING** B2 **WRITING** B1

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Software Development
Data structures, algorithms / Good programming skills (C, Python, Java, C++) / Javascript(Nodejs, ExpressJs)

Database
NoSQL (MongoDB Neo4J Redis) / Knowledge of SQL.

DevOps & Infrastructure
Platform : AWS Cloud / Docker - Nivel medio / Strong knowledge of CI/CD tools (DevOps)

Other
Git / Linux (Terminal Commands, Bash/Shell)

HOBBIES AND INTERESTS

Sailing

Cooking

Money investing