



RENE CALDEIRA

ENTERPRISE IT ARCHITECT (EITA)|
LEAD CLOUD ARCHITECT |
PRODUCT LINE ARCHITECT

CONTACT

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MAIN SKILLS

- Enterprise IT Architecture (EITA)
- Cloud-Native Architecture
- Cross-functional Team Leadership
- Strong Communication Skills
- OpenAI & CoPilot
- Architectural Planning & Design
- Microsoft Azure

LANGUAGES

- English (Fluent)
- Portuguese (Fluent)
- Spanish (Intermediate)

EDUCATION

2020 - 2021

FIAP

- MBA in Solution Architecture

2018 - 2019

LAUREATE EDUCATION

- MBA in IT Project Management

2014 - 2016

FMU

- Engineer's degree in Mobile Applications & Video Game Development

2001 - 2007

PUC - CAMPINAS

- Bachelor's Degree in Electrical, Electronics and Communications Engineering

PROFILE

With over 22 years of experience in IT, I have a strong background in architecture, management, and development across web, mobile, desktop, IVR, and cloud projects. I hold a bachelor's degree in telecommunications engineering, a postgraduate degree in mobile application development, and two MBAs in IT project management and solution architecture. Additionally, I have earned multiple certifications and completed various industry-relevant courses, equipping me with expertise in the latest technologies on the market. Currently leading efforts to integrate AI into enterprise-level platforms.

WORK EXPERIENCE

Enterprise Solutions Architect - LATAM

MAY 2023 - PRESENT

Corteva Agriscience

Enterprise Architecture:

- Maintain consistency of enterprise architectural principles across Corteva's commercial product line.
- Identify opportunities that arise from new technology and industry trends.
- Setting standards and guardrails for cloud software development, including tools, frameworks and programming languages.
- Design reference architecture diagrams for enterprise usage and software development.
- Advancing enterprise-wide AI capabilities and applications.
- IT process management over cyberSecurity, privacy, solution architecture and software development teams.

Leadership:

- Interviewing, hiring and onboarding of architecture and engineering teams.
- Managing and presenting PDCA/Continuous Improvement processes, test pyramids, quality metrics, observability, and DevSecOps.
- Providing technical leadership in the development of digital products and applications for buying, selling, and farming.
- Leading internal and external technical teams for commercial projects across LATAM.

Product Line Architecture:

- Design and architectural lead of cloud projects with complex integrations with SAP S4/HANA, Salesforce and AEM (Adobe Experience Manager).
- Identify, communicate and mitigate architecture risks on the highest level.
- Architectural oversight of all LATAM commercial projects.
- "Make or Buy" analysis for large-scale projects.
- Engage with Technical & Business Product Managers and Solution Architects on new demand requests and existing digital ag products.
- On-premises dehydration of monoliths in microservices groups inside Azure.
- Documentation/creation of several IT governance processes, situation wall, architectural MVP, responsibility matrix and blueprints for interaction between organizational groups.
- Technical Debt Management, team knowledge map and Architectural Roadmap.
- Design/planning/oversight of all Latam AI projects, mainly with Copilot and ChatGPT.

Skills involved: Microsoft Azure · Enterprise Architecture · Software Engineering Practices · Cloud-Native Architecture · Product Development · PDCA Cycle · Reference Architecture · Architectural Design · TOGAF · SRE · IT Project Management · Finops · Big Data Analytics · Salesforce · DORA · SAP S/4HANA · Cross-functional Team Leadership · Adobe Experience Manager (AEM) · Lean Six Sigma · AI Governance · SAFe

PREVIOUS WORK EXPERIENCES

Lead Solutions Architect

MAR 2020 - APR 2023

Ci&T

- Digital Transformation for large financial institutions, implementing DevSecOps and Lean Management practices in multiple projects.
- Development/Management over AI projects using CiT's AI platform Flow.
- Technical Debt Management, teams knowledge map and Architectural Roadmap.
- "Make or Buy" analysis for large-scale projects.
- Technical/operational management of software architecture and channel engineering teams.
- Lean Digital/SAFE coach for Software Architecture and Solutions Architecture teams.
- On premises/cloud migration projects. Working with the Azure cloud.
- Dehydration of monoliths in microservices groups.
- Design, planning and construction of microservices architectural topology in public and private clouds (cloud IBM ICP & Azure).
- Documentation/creation of several IT governance processes, situation wall, architectural MVP, responsibility matrix and blueprints for interaction between organizational groups.
- Discovery of new demands directly with managers/executives to determine roadmaps and creation/training of new teams.
- Interviews and hiring of architecture and engineering teams.
- Management/presentation of PDCA/Continuous Improvement, test pyramid, quality metrics, observability and DevSecOps.
- Organization and result reports for GMUDs, performance tests and POCs.
- Determining the reference architecture with the client's corporate architects.
- Design patterns, hexagonal architecture, event architecture (Kafka and IBM event streams). Rest microservices and micro frontend architecture.

Skills Involved: .NET Core · IBM Event Streams · Amazon Web Services · IBM Cloud · Sonarqube · TOGAF · IBM Bluemix · Microsoft Azure · Java · Fortify · AngularJS · Node.js · Google Cloud Platform (GCP) · Apache Kafka · Enterprise Architecture · Service-Oriented Architecture (SOA) · Reference Architecture · IT Governance · Solution Architecture · Private Clouds · Cloud Computing · Technical Leadership · Cross-functional Team Leadership · DORA · SRE · Lean Six Sigma · SAFe

Cloud Solutions Architect

JAN 2019 - FEB 2020

Veloe

- Align the IT area with the company's strategic objectives.
- Design and Deploy Micro Services and Serverless solutions in AWS.
- Support the Architecture of WebAPP projects, Mobile APP, Marketing and Growth-hacking, among others.
- Application of different architectural patterns in conceptual and technical solutions.
- Architect the computational solution focused on process time optimization, as well as increasing availability and reducing costs.
- Organization and follow-up of GMUDs, performance tests and POCs.
- Technical Debt Management, teams knowledge map and Architectural Roadmap.
- "Make or Buy" analysis.
- DevSecOps practices implementation and management.

SR Software Architect / Tech Lead

JUN 2017 - DEC 2018

Mutant

- Responsible for major clients, including global telecomm (Vivo), insurance (Mapfre & Bradesco Seguros) and financial institutions (Riachuelo Credit & Bradesco).
- Technical leadership for the IVR development team, responsible for assigning technical tasks and training new resources.
- Software Development of IVR systems in Avaya and Genesys, using Java and JS.
- Design/Planning/Development/Support of additional applications in Java, JavaScript, GML, PHP, as well as REST and SOAP APIs.
- New demands/ additional scope analysis and estimation, technical feasibility assessment and solution design for IVRs and Web integrations.
- Focal point for some of our clients, ensuring PO tests as well as process integration and implementation planning between Mutant/client.
- Responsible for working with the client's solution architecture team to design/plan integrations between IVR and legacy systems.