Thiago Santana

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Website | GitHub

PROFESSIONAL SUMMARY

Certified Mulesoft and AWS professional with expertise in integration solutions, API design, cloud platforms, and site reliability engineering. Proven track record in leading development teams, refactoring legacy systems, and ensuring security in large-scale projects. Strong background in cloud-native applications, microservices architecture, and API-first principles.

KEY SKILLS

· **Programming Languages**: JavaScript (Node.js), Java, Golang, Python, Dart, ANSI C, SQL, HTML
· **Frameworks & Libraries**: Quarkus, SpringBoot, Flask, Django, Express, React, Flutter, GoFiber
· **Cloud Platforms**: AWS, GCP, Azure, Heroku
· **API Platforms**: Mulesoft Anypoint, Google Apigee, Sensedia, WSO2, Tibco BusinessWorks
· **SRE & DevOps**: Kubernetes, Docker, Terraform, Jenkins, GitHub Actions, AWS CodeBuild
· **Security**: Mutual TLS, OAuth2, SAML2, JWT, IAM (Keycloak), WAF (Cloudflare, Akamai)
· **Databases**: Oracle DB, MySQL, PostgreSQL, MongoDB, DynamoDB, RethinkDB
· **Tools**: Jira, Confluence, Figma, Notion, MS SharePoint, Trello

CERTIFICATIONS

· **Mulesoft API & Integration Associate** – Mulesoft (Jun 2017)
· **AWS Certified Solutions Architect** Amazon Web Services Training and Certification September 2024
· **AWS Certified Cloud Practitioner** – Amazon Web Services (Aug 2023)
· **ISO/IEC 27001 Information Security Associate** – SkillFront (Oct 2022)
· **Google Cloud's Apigee API Platform** – Google Cloud (Jun 2021)

EXPERIENCE

Lead Engineer

Zup Innovation | São Paulo, Brazil

Sept 2021 – Present

· Collaborated with Itau Seguros and the Open Insurance Brazil partnership, working with technical specialist teams to improve the 'quote patrimonial' OpenAPI3 specification. This made it easier for participating companies to implement it, showcasing my understanding of API-first design principles.
· To grow our product business opportunities in the market, as well as boost business features' delivery frequency and keep its code maintenance as easy as possible, I collaborated on a restructure for an information security application. That process required me to be managing and providing technical leadership to a product development team in a complete application codebase refactoring process; I also helped an SRE Team to review our application's architecture and DevOps strategy. Plus, I helped them to plan strategies to lead our project to be performing a better use of our cloud provider resources.
· I worked on some elaborations, testing and validations for some strategies hypothesis that can lead our information security application to be up to dated in security techniques, technologies and software engineer good practices, as well as to scale in terms of simultaneous users capacity support and in terms of a health increase of its market adoption and commercialization opportunities.

API Architect

Cielo **|** São Paulo, Brazil
September 2018 – September 2021

Implemented governance artifacts (guidelines, blueprints, and KPIs) to support the dev teams to ensure the APIs to be secure, with semantic contents, easy to consume, and to understand. After, those artifacts became the Sharepoint catalog of the API Governance portal.

● Worked together with the teams of our partners and suppliers to get feedback about our APIs and about how to maintain them secure and stable as well as to make them more and more simple and comfortable to consume.

● This led to the expansion of business opportunities and strategic partnerships, including one with Meta that brought the first version of the Brazilian sending and receiving payments feature via WhatsApp.

● Designed the API spec for the promotions and benefits platform that was the first one Cielo's product in production to use API-first architecture. I also implemented the API-first architecture with Mocking Service strategy. It enabled the consumer's dev teams a way to accelerate the development process at all and to build the consumer end before the API's backend development construction and conclusion. Moreover, the strategy allowed us to collect feedback about the consumer experience to let us plan improvements on the design of the APIs. After, I polished the process and became able to reapply it in projects like Digital Account, Settlement systems, Logistics process, and so on merchant acquirer services.

● I realized software evaluations for API platform solutions as well as for Web Application Firewall solutions too.

● I provided technical mentoring and training sessions to collaborators spread around the organization.

Integration Engineer
Avenue Code | São Paulo, Brazil & San Francisco, USA

May 2017 – Sept 2018
- ·Worked on Mulesoft integrations for Salesforce, Google Merchant, IoT, and Google Dialog Flow.
- ·Co-hosted the first Latin America Mulesoft Meetup and achieved multiple Mulesoft certifications.

Integration Architect
Disys | São Paulo, Brazil

Apr 2015 – May 2017
- ·Modernized BNP Paribas Cardif's payment process, increasing sales through innovative payment options.
- ·Spearheaded the migration from legacy Java systems to Mulesoft and Spring-based architectures, improving system performance and scalability.

EDUCATION
Technical Computing in Management Analysis and Systems
Universidade Paulista (UNIP) | São Paulo, Brazil