Adriano Cézar Silva Mota

Solution Architect
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Summary

Software and Solution Architect with large experience in application development and software integration. I have experience in Microservices, API and Enterprise Integrations between systems and layers (Cloud, Application Servers, On Premise Setup). Also, working with Java (Spring Boot and others Frameworks), Cloud Environment (AWS), Docker and others technologies to help close gaps and focus on customer success.

Languages

- **English –** Advanced Skills (Read, Write and Conversation)
- **Spanish –** Basic Skills (Read and Listening)

Published Articles (English Language)

- **What Is Messaging and What Do I Get out of It?**
  https://nordicapis.com/what-is-messaging-and-what-do-i-get-out-of-it/

- **Decoupling the Presentation Layer From the Backend Using BFF**
  https://nordicapis.com/decoupling-the-presentation-layer-from-the-backend-using-bff/

- **Why We Should Always Review Our Design and Architecture**
  https://nordicapis.com/why-we-should-always-review-our-design-and-architecture/

- **Understanding API Management, API Gateway, and API Manager**
  https://nordicapis.com/understanding-api-management-api-gateway-and-api-manager/

- **Scaling Your Legacy: How Internal APIs Help Digital Transformation**
  https://nordicapis.com/how-internal-apis-help-digital-transformation/

- **8 Tips For Designing Quality REST APIs**
  https://nordicapis.com/8-tips-for-designing-quality-rest-apis/

Published Articles (Portuguese Language)

- **O que é Mensageria e o que eu ganho com isso?**
  https://prensa.li/@adriano.mota/o-que-e-mensageria-e-o-que-eu-ganho-com-isso/

- **Desacoplamento da camada de Visualização do Backend usando BFF**
  https://prensa.li/@adriano.mota/desacoplamento-da-camada-de-visualizacao-do-backend-usando-bff/

Professional Experience

Software/Solutions Architect at Sensedia
July 2021 – Actual Job (Present)

Working with APIs Design, Microservices development and Partners integration using API Management. For some of the projects we have Java development using Spring Boot and Message Brokers integration (using JMS, MQ and AMQP protocol).

Also working with Cloud Environment like AWS as a tool to leverage the success of the customers.

Solutions Architect (Senior Consultant) at CAPCO
December 2020 – July 2021

Working closely with the Dev Teams to help follow the development standards established in conventions with the Customer. Organizing the Dev Forum to debate and deliver doubts regarding standards.

Helping dev teams with technical doubts and gaps, helping to define the solution the dev team should follow to deliver the deliverables.

Supporting the Solution Architects with UML diagrams and understanding the flow of call of APIs, helping to test with Postman software and understand Payloads to lead the teams on how they will call and work with Customer APIs.

Understanding scenarios for deploy and pipeline creation for new Backend, Frontend and Mobile projects.

Software Architect at Brasilprev
August 2020 – December 2020

Worked with initial definition and setup with containers and docker application. The company was using Red Hat Openshift as Container Orchestration for new Apps. Worked with dev teams to help in the definitions and how to use Docker with frontend and backend applications.

Also worked with the DX Lab team to understand the AWS environment and applications developed. Participated in the definition and PoCs regarding new AWS components like AWS FARGATE, AWS COGNITO, AWS DMS and others.

Worked with other architects to define API Management solutions with technical meetings with suppliers to define and validate solutions and functionalities, on premise and cloud setup and regarding presenting it to the leadership with values for the possible buy of the API Management.

Also worked with AZURE Pipelines for automatization of deploy, configuration with repositories and deploy on Cloud and On Premises Environment.

Solutions Architect at Ford Motor Company
July 2018 – August 2020

As Solution Architect, I'm responsible for researching and designing PoCs for new open source technologies released by Ford. Supporting the teams to design and define their architecture and standards to develop new systems. Also, participated in API Design work for projects that needed to use this approach to expose data and integrate partners (internal and external), leading the usage of API Manager from IBM, that is available on Ford.

Researching of implementation of the DevOps culture with the team, for automatization of deploy, tests and other development process for Development team (like Jenkins, uDeploy and uBuild tools, etc).

Understating new tech specs defined by Ford and helping the South America teams to implement it, such as new auth mechanism (OATH2), cloud environments, new versions of framework (for example, replacing Ant to Gradle for dev dependencies, the adoption of Angular as Front End dev standard and Spring Boot as Back End development standard), the usage of monitoring tools, like Dynatrace and Splunk, and understanding their benefits to share with the teams and encourage the engagement to use these tools.

And Developing Java code with a few teams, to start projects and help them with their projects and help with Java troubleshoots in development.

IT Application Support Analyst at Ford Motor Company
June 2017 - July 2018

Performing activities as Support Production Environment for Application for departments like Customers Services, Manufacturing, Importation & Exportation, generating documentation of issues and indicating possible solutions for the systems. Technical Support for IT Development team for environments like Database, Application Server, etc.

Tech/Project Leader at Ford Motor Company
March 2014 - June 2017

Acting as Project Leader, managing scopes and requisites, creating documentation, mapping process and following the steps for IT projects related to systems that support Marketing, Sales and Services operations. Performing as Tech leader with the developers teams to translate all the business requirements to technical specifications. Participating on Global CRM Project with teams allocated in Argentina, EUA, Brazil and India

SOA Senior Architect at Global HITSS
August 2013 - February 2014

Acting with the SOA Architects by defining the requirements of Services to be developed by the Software Factory. Development of Services using Oracle Service Bus & BPEL and doing maintenance of existing service. Implementing services by using RestFul/JSON libs on OSB. Understanding business requirements to make the translation of it to the technical team.

Java / SOA Developer at Accesstage S/A
July 2010 - July 2013

Developing process, systems and components for EDI using Linux environment and Java programming language. Using BEA WLI components such as Oracle/BEA Weblogic tools for integrating systems and Oracle & Postgres database on our projects. Analysis on business requirements with the sales and projects department to understand what needs to be developed. Development of Werbservices by using SOA and Oracle Tools such as Oracle Service Bus, Oracle SOA Suite and BPEL.

Previous Positions:

- Java Developer at UNISANTOS (January 2009 - March 2010)
- Java Instructor at Tecnoponta (January 2009 - June 2009)
- Java Developer at Universia/Santander (March 2008 - December 2008)
- Java Developer at SMS Tecnologia Eletronica Ltda. (2006 - 2008)
- Java Web Developer at Basics (2005 - 2006)

Education

Veris IBTA
Post Graduate in Software Engineering & SOA (2010 – 2011)

SOA Expert
SOA Consultant Formation (2011 – 2011)

Santa Cecilia University
Graduated in Computer Science (2001 – 2004)

Other IT trainings:

- **Docker First Steps –** DevOps Professional – São Paulo-SP
- **Microservices Hand's on** – FIAP – São Paulo
- **Business Analysis (BaBok)** - Trainning - São Paulo-SP
- **Business Process Analysis (BPM/BPMN)** - Trainning - São Paulo-SP
- **SOA Consultant (Oracle Service Bus and SOA Suíte and BPEL)** – SOA Expert – São Paulo-SP
- **Project Management (PMI)** – Tecnoponta – Santos-SP
- **Oracle Essentials (Instalação, Segurança and ADM)** – Tecnoponta – Santos-SP
- **Java Developer and Mobile (WAP)** – Tecnoponta – Santos-SP
- **Java – 1.4 Certification Preparation Course** – Tecnoponta – Santos-SP
- **Java with Jsp, Servlets and Java Beans** – Tecnoponta – Santos-SP