Marcelo Frau

38 years, Computer Scientist - Senior Solution Architect

CONTACT

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KEY COMPETENCIES

- Fast and Active learner
- Good Client Relations
- Team building & Leadership.
- Technical Leadership
- Strategic Planning
- Technology Expert
- Solution Architecture
- Continuous Integration/Development
- Agile
- Mentoring
- Technology Researcher
- User Experience Researcher

LANGUAGES

- English (Fluent)
- Portuguese (Native)
- Spanish (Advanced)

SCHOLARSHIP

Bachelor of Computer Science - IPEP - Campinas, São Paulo, Brazil - 2004 to 2008

PROFESSIONAL SUMMARY

- Recognized for abilities in Code Reviews, Debugging, Documentation and Guidance of team members.
- 9+ years' experience with Solution Architecture
- 20+ years' experience with Java in Front-end, Back-end, Desktop and Mobile environments
- 23+ years' experience with HTML, JavaScript, CSS
- 5+ years' experience with Android development
- 4+ years' experience with Kotlin for Android, Kotlin on desktop, and Kotlin in back-end environments
- Renowned for a steadfast commitment and resolute determination to see projects through to their successful completion.
- Guide and design and strategic direction of projects.
- Strategic leadership by not only guiding technical aspects but also contributing to the overall success and growth of the team.
- Demonstrated proficiency in delivering resilient and scalable solutions spanning diverse platforms.
- Keen eye for innovation.
- Crafting API contracts, schemas, and integration layers, playing a pivotal role in shaping robust and scalable solutions.
- Implementing Agile methodologies and meticulous backlog planning to optimize team efficiency and deliverables.

PROFESSIONAL EXPERIENCE

adidas – Herzogenaurach - Germany

Senior Solution Architect - 2021 to Present Day

- Spearheading as the Lead Solution Architect for multiple cross-functional teams
- Guiding the design and strategic direction of key projects.
- Defining and charting the course for project evolution
- Ensuring alignment with organizational goals and industry best practices.
- Orchestrating the efforts of five teams comprising approximately 75 professionals.
- Fostering collaboration and maintaining a cohesive work environment.
- Implementing Agile methodologies.
- Meticulous backlog planning to optimize team efficiency and deliverables.
- Overseeing 5 distinct applications, steering their development.
- Ensuring seamless integration within the technology landscape.
- Crafting API contracts, and integration layers shaping robust and scalable solutions.
- Serving as a reference point for projects beyond direct responsibility.
- Contributing to the overall technical excellence of the organization.
- Participating actively as a member of the Architecture Review Board.
- Contributing to critical decisions and discussions that impact products across the org.
- Fostering a culture of continuous improvement.

Technological Expertise: Java, Kotlin, Spring, Aurora, AWS, MySQL, Oracle, React, Spring Boot, Spring Data, Groovy, DevOps, Docker, Kubernetes, Jenkins, JIRA, Sonar, ECMA 6, GitLab, TypeScript, Nodejs
Competences: Technology Expert, Strategic leadership, Team Coordinator, Application Ownership, Technical Leadership, Governance and Decision-making

adidas – Zaragoza - Spain

Senior Software Engineer and Lead Developer - 2019 to 2021

- Solution Architect on projects.
- Implemented Continuous Integration/Continuous Delivery on several projects.
- Consultant and Advisor in prospecting future projects.
- Mentoring team members to discover each individual capability.
- Motivate employees to research and learn innovative technologies.
- Promotes co-participatory leadership.
- Promote ownership of the team.
- Motivated by the idea to make the team be auto sufficient.
- Implement and modernize old solutions to new architecture.

Technological Expertise: Java, Kotlin, Spring, Aurora, AWS, MySQL, Oracle, React, Spring Boot, Spring Data, Groovy, DevOps, Docker, Kubernetes, Jenkins, JIRA, Sonar, ECMA 6, GitLab, TypeScript, Nodejs

Venturus – Campinas - Brazil

Senior Software Engineer and Lead Developer - 2017 to 2019

- Solution Architect and team leader for an international front-end project.
- Implemented Continuous Integration/Continuous Delivery on numerous projects.
- Consultant and Advisor in prospecting future projects.
- Mentoring team members to discover each individual capability.
- Teacher and promote courses to train people.
- Motivate employees to research and learn innovative technologies.
- Promotes co-participatory leadership.
- Implement training campaigns such as dojo and learning classes.
- Motivated by the idea to make the team be auto sufficient.

Technological Expertise: Java, Kotlin, JavaScript, AngularJS, React, Spring Boot, Spring, Spring Data, Python, Groovy, DevOps, Docker, Kubernetes, Jenkins, JIRA, Sonar, ECMA 6, NodeJS, Kotlin with React, GitLab, Angular 6, TypeScript, Nodejs

Kaffa Mobile – Campinas - Brazil

Solution Architect and Lead Developer - 2016 to 2017

- Orchestrated as the Solution Architect and team leader for a flagship product utilized by all company clients.
- The product, centered around mobile environments, extends its reach to desktop, web, and back-end environments. Built on a meta model and GIS, clients customize the model, allowing the solution to dynamically generate UI/UX and manage database/storage—a versatile GIS Mobile solution.
- Implemented Agile SCRUM methodology across all internal teams, fostering collaborative and adaptive development practices.
- Spearheaded the implementation of company-wide Continuous Integration/Delivery practices, streamlining development workflows and ensuring seamless delivery.
- Engineered a framework based on React/React Native, unifying desktop, mobile, and web environments with a shared codebase, optimizing development efficiency.
- Developed a legacy integration software facilitating the seamless migration of Windows Mobile legacy systems to contemporary technologies.
- Implemented GIS connectors with integrations to ArcGIS from Esri and "Small World" from GE, enhancing the solution's geographical information capabilities.

Technological Expertise: Kotlin, Java 8, Grunt, LibGDX, Android, C#, C# Compact Framework, SQL Server, SQL Server Compact, AVRO, React, Nodejs, Javascript, ECMA 6, Sonar, Jenkins, Gitlab CI, Docker, ArcGIS, Smallworld, GIS

CI&T – Campinas - Brazil

Senior Software Engineer and Lead Developer - 2015 to 2016

- Served as the Solution Architect and team leader for a senior developer-only team, overseeing the development of a high-traffic e-commerce solution catering to thousands of consumers daily.
- Collaborated with the team to create a high-performance solution capable of handling over ten thousand purchases per minute, meeting the demanding requirements of the e-commerce platform.
- Enhanced the main performance of various side projects related to the core e-commerce system, contributing to the overall efficiency and user experience.

Technological Expertise: Backbone, Angular.js, Spring, CoffeeScript, Java, Grunt, Cassandra, Solr, Spark, SaSS, Redis, twemproxy, Docker, Docker compose, Kubernetes and Cloud Based deployments, CI/CD integrations, Jenkins.

Venturus – Campinas - Brazil

Senior Software Engineer and Lead Developer - 2014 to 2015

- Spearheaded a front-end solution enabling customers to construct personalized flowcharts for mapping desired actions within a SIM card manager for carriers.
- Collaborated seamlessly with global teams in China, France, and Singapore, ensuring the project's success and earning exceptional client feedback.
- Led a dispersed team across remote locations, orchestrating smooth collaboration and eliminating potential obstacles to achieve cohesive and efficient teamwork.

Technological Expertise: Java, JSF, JavaScript, Flow.js, Require.js, Spring Boot, Spring MVC, Java Portlets, Spring Data.

Kaffa Mobile – Campinas - Brazil

Software Engineer - 2007 to 2014

- Engineered a dynamic model rendering system based on high-level meta-data, allowing client customization. (UI, Flow, storage and integration)
- Developed a Java MIDP-based UI library for resource-limited devices with less than 1 MB of RAM. Inspired by Java Swing/SWT libraries, it catered to smartphone precursors with efficiency and functionality.
- Contributed to various web projects utilizing Java, JavaScript, HTML, and CSS.
- Designed and implemented a map engine integral to Kaffa's GIS Mobile product.
- Created a Web Robot library, employing DSL to navigate HTML pages, fill forms, and perform actions akin to a crawler.
- Led the development of proof-of-concept projects, experimenting with modern technologies and features for potential incorporation into the main product.
- Developed numerous Android and mobile applications.
- Implemented JNI to seamlessly integrate native hardware modules inaccessible to Java.
- Successfully ported libraries to Android, Windows Mobile, including HSQLDB, SQLite, and QT.

Technological Expertise: Android, Burlap, GIS, GWT, H2 Database, HSQLDB, HTML 5, Hessian, Hibernate, JBoss SEAM, JPA, JSF, Java (EE/ME/SE), Jetty, Liferay, Lua, Oracle, Portlet, Primefaces, SQLite, SWT, Spring, Tomcat, Wicket, Windows Mobile, Xtend

GWE Software – Campinas - Brazil

Software Engineer - 2006 to 2007

- Implemented a small SAP Business One (ERP) mobile version to Windows Mobile.
- Implemented a server application that bridges the communications between SAP B1 and Mobile applications. All the integration and data exchange were made by this server application.

Technologies: Java, Java Micro Edition, C#, ASP.NET, SAP BusinessOne (ERP), HSQLDB, Microsoft SQL Server

Ceprocamp – Campinas - Brazil

Teacher - 2005 to 2007

- Teacher on classes about Networking, how to build a network, how to configure a network, how to secure a computer network, also several basic and advanced concepts was covered in the classes.

Technological Expertise: Linux, Windows, Ethernet, Apache, WebDAV, NFS, NIS, Samba, CUPS, LDAP, Webmin, iptables

Kaffa Software Consulting – Campinas - Brazil

Junior Software Engineer- 2003 to 2006

- Created a fundamental issue tracker to streamline bug and feature coordination across all company projects.
- Successfully executed proof of concepts, demonstrating the effectiveness of a mobile application in solving a client's specific problem.
- Developed numerous Java ME and Web applications.

Technological Expertise: Java, Struts, Spring, HTML, JavaScript, CSS, Hibernate, PostgreSQL, MySQL, Oracle, Java ME, AWT, Swing, SWT, HSQLDB, Oracle Lite, Oracle, JFaces, Portlets, Superwaba, Waba