

Lorival Smolski Chapuis

Senior Software Engineer

📍 Joinville, SC, Brazil
☎ +55 47 9 9946 2390
🌐 lorival.com.br
🌐 [linkedin.com/in/lorival/?locale=en_US](https://www.linkedin.com/in/lorival/?locale=en_US)

WORK EXPERIENCE

Senior Software Engineer

Oct, 2019 - April, 2020

Talkdesk - Porto, Portugal

The Talkdesk is a USA leader cloud-based contact center, unified communications and artificial intelligence software provider. Talkdesk is a Unicorn, its headquarter are in San Francisco, with offices in the USA, UK and Portugal.

- I maintained the API responsible for the AppConnect marketplace using Ruby, MongoDB, AWS and Kubernetes.
- I maintained and develop new improvements to the developer portal of AppConnect marketplace using Ruby on Rails, PostgreSQL, AWS and Kubernetes.
- I developed improvements that involved discussions and technical interactions with other areas like BI and Billing.
- I started acting partially as a tech lead, creating new initiatives focusing on people, resulting in a matrix of knowledge relating technical and business skills, for example.
- I developed a simplified bootstrap to develop new services using Kotlin and Springboot.

Senior Software Engineer and Squad Leader

Jun, 2017 - Jul, 2019

Conta Azul - Joinville/SC, Brazil

The Conta Azul is the most complete business management SaaS platform in the Brazilian market for small and medium businesses and the first to offer real-time accounting, joining the accountant and customer in the same place.

- I developed and maintained fully auto-scale microservices using Java, SpringBoot, Spring Cloud, PostgreSQL, AWS and Kubernetes, delivering applications that are able to rapidly scale up and down based on the load and internal information.
- I led and developed the first feature using 100% microservices in the company. There were 4 microservices using SpringBoot, Hibernate, Lombok, Junit, Mockito, AssertJ, AWS SQS, AWS S3, AWS RDS, Prometheus, Grafana, Docker, Kubernetes and New Relic. The feature has been used by 5k companies so far, demonstrating service-oriented architecture and focus on customer needs.
- After the Conta Azul bought the Wabbi company, I designed and developed integrations of the services from the two companies, which used different stacks like Golang, SpringBoot with Java and ASP.NET Core with C#. The Integrations were made using AWS SQS/SNS, REST API and also unifying services.
- I have helped on the communication design of 14 microservices in different stacks that allow the real-time accounting, using event-oriented architecture mainly with AWS SNS/SQS/DLQ and PostgreSQL as NoSQL.
- I developed and maintained fully auto-scale web scraper using Java, SpringBoot, Spring Cloud, HtmlUnit, Lombok, Junit, Mockito, AssertJ, Prometheus, Grafana, Docker, Kubernetes and New Relic, that replace the older scraper increasing the performance by 2k times.
- As a squad leader I made the onboarding of new engineers, I technically supported several engineers in and out of the squad, I supported the PO to set and prioritize stories, I supported the team to break down and estimate tasks and I included and changed several agile techniques to improve the software development process at the company

Senior Full-Stack Developer Web/App

Mai, 2014 - Jun, 2017

eSauce Marketing & Tecnologia – Joinville/SC, Brazil

The eSauce is one of the largest digital marketing agencies in Brazil, with roots in technology and 14 million people impacted with their work. In addition to digital marketing and mobile applications, the company has a SaaS platform for the entire management process of operating a digital marketing agency.

- I developed REST APIs to serve 4 mobile applications using C#, ASP.NET Core, AutoMapper, Entity Framework, Code First, Xunit, AWS Elastic Beanstalk and PostgreSQL, delivering applications that are able to rapidly scale up and down.
- I developed 4 mobile applications for IOS and Android using the Appcelerator Framework (JavaScript). I worked from suggestions of UX to publishing in stores, with a total of 90k downloads for all of them.
- I developed and maintained a Web Application using C#, ASP.NET MVC, Razor, AutoMapper, Entity Framework, Code First, Nunit, PostgreSQL and IIS, which integrated with an international travel insurance company and automated the whole process of insurance selling the company. With this stack, I've developed web backoffices for mobile applications too.
- I developed and maintained the REST APIs and the front-end of the SaaS platform for the operational process management of a digital marketing agency, using C#, ASP.NET Core, ModelMapper, Entity Framework, Code First, Xunit, AWS Elastic Beanstalk, PostgreSQL, ReactJS, Twitter Bootstrap and Less.
- I monitored the timeline with the client, created stories and tasks, defined requirements, and did the technical and business design of the applications.

Software Architect and Senior Web Developer

Sept. 2011 - April 2014

Thomson Reuters - Joinville/SC Brazil

Thomson Reuters is one of the world's most trusted provider of answers, helping professionals make confident decisions and run better businesses. Their customers operate in complex arenas that move society forward – law, tax, compliance, government, and media – and face increasing complexity as regulation and technology disrupt every industry.

- With an acquisition of ConceitoW by Thomson Reuters, I supported all training and migration of .Net to Java development team, working with pair programming and make software design with the team.
- I worked on the "Digital Fiscal Documents" product, implementing all the business knowledge from the legacy WindowsForm product to new Web product, using Spring MVC, Spring Security, Liquibase, PostgreSQL, Hibernate, Html, CSS, velocity and Tomcat. This product has become one of the main products of the tax and accounting area of Brazil.
- I worked together with a team of 4 architects in a 6-month project to set up a new technology stack to be used for batch processing using Apache Hadoop and Web applications using Spring MVC, Hibernate, JPA, Liquibase, Jade, Less, Twitter Bootstrap and AngularJS. The new stack would be used in upcoming Thomson Reuters solutions.
- For almost 1 year, I worked in the architecture team supporting the evolution of a JEE + JSF framework, building components and supporting the design of 2 large tax projects using it.

PREVIOUS EXPERIENCES

- **Senior ASP.NET Developer** at Conceito W - July 2008 - Sept. 2011 - Joinville/SC, Brazil
- **Support Analyst and Web Genexus Developer** at Horizonte Tecnologia - Mar. 2005 - Jun. 2008 - Joinville/SC, Brazil
- **Technical Instructor** at Escolas SID - Fev. 2005 - Nov 2005 - Joinville/SC, Brazil
- **Computer Technician** at Secretary of Education and Cultural - Mar. 2004 - Feb. 2005 - Joinville/SC, Brazil

TECHNICAL CONSULTANCY EXPERIENCE

- 2018 - **ASP.NET Technical Consultant** at [OpenTech](#) - Jun 2018 - Sept 2018 - Joinville/SC, Brazil
- 2018 - **Machine Learning Consultant** at [GoFind](#) - Mai 2018 - Nov 2018 - Joinville/SC, Brazil
- 2014/2015 - **ASP.NET Technical Consultant** at [Modine Manufacturing](#) - Oct 2014 - Sept 2015 - São Paulo/SP, Brazil
- 2012 - **Technical Instructor** at [Geração Tec](#) (Government project) - Jun 2012 - Oct 2012 - Joinville/SC, Brazil
- 2011 - **Software Engineer** at [Sinapse da Inovação](#) (Government project) - May 2011 - Dec. 2011 - Joinville/SC, Brazil

EDUCATION AND CERTIFICATIONS

- Current - **AWS Certified Developer** at [Cloud Guru](#)
- 2018-Stopped to come to Portugal - **MSc in Applied Computing** at [UDESC](#)
- 2018 - **Nanodegree in Deep Learning** (6 months) at [UDACITY](#)
- 2017 - **Certification in SAFe 4.0 Agilist** - [Adaptworks](#)
- 2006/2011 - **B.Sc. in Computer Engineering with the emphasis in Software Engineering** (5 years) at [UNISOCIESC](#)
- 2010 - **Certification in Designing and Developing Web-based Application By Using the Microsoft .Net Framework**
- 2009 - **Certification in Microsoft .NET Framework 3.5, ASP.NET Application Development**
- 2009 - **Certification Microsoft .NET Framework - Application Development Foundation**
- 2008 - **Microsoft Student to Business** (5 months) at Microsoft Lab
- 2003/2004 - **Software development for Desktop and Web** (2 years) at [UNISOCIESC](#)

TECHNICAL SKILLS

(5+ years): Solution architecture, software design and leadership of software development teams, TDD, Design Patterns, DDD, SOLID, Clean Code, Scrum, XP

(4+ years): Java: Spring Boot/Data/Security, Hibernate, JPA, Junit, Mockito, Guava, ModelMapper, PostgreSQL, Flywaydb

(3+ years): AWS: S3, RDS, SQS, SNS, Elastic Beanstalk, Cloud watch, EC2

(3+ years): C#: ASP.NET MVC, ASP.NET Core, Entity Framework, NUnit, Rhinomocks, SqlServer and Oracle DB

(3+ years): C#: ASP.NET Webforms, WindowsForm, ADO.NET, DevExpress, IIS, SqlServer, TFS and Oracle DB

(3+ years): Mobile Apps: Appcelerator (Javascript) for Android and IOS

(3+ years): Javascript, jQuery HTML, CSS

(3+ years): Genexus for Java and .Net, PostgreSQL, SqlServer and Oracle DB

(2+ years): Microservices, Docker, Kubernetes, New Relic, Prometheus, Grafana, New Relic, VictorOps

LANGUAGES

- English - Intermediate
- Portuguese - Native

SCIENTIFIC ARTICLES

- 2011 - Use of an artificial neural network to predict the volume of sludge generated in textile effluent stations
 - Published and presented in [Congress of the Brazilian Computer Society](#)
- 2010 - Development of a flood forecasting system in hydrographic basins by means of artificial neural networks
 - Published and presented in [International Conference Intelligent Systems and Agents in Germany](#)