

Lorival Smolski Chapuis

Senior Software Engineer | Architect

[LinkedIn](#) | [Personal site](#)

Location: Porto, Portugal / Joinville, Brazil (Remote)

Languages: Portuguese (native) and English (B2+)

Summary

Experienced Software Engineer with 20+ years of hands-on development across multiple industries, including logistics, automotive, fintech, e-commerce and accounting.

Over the past six years in Portugal, I've worked with leading German companies, where I've served mainly as Tech Lead and Software Architect, driving high-quality, scalable and secure software solutions. I hold a Bachelor's degree in Computer Engineering and technical certifications. My recent work involved SpringBoot, Quarkus, Kafka, Java, Docker, Kubernetes, PostgreSQL, Openshift, Prometheus, Grafana, Gitlab CI, Jenkins, AWS, OracleDB, microservices architecture and a DevOps mindset focused on automation, observability and reliability.

Throughout my career, I've consistently been recognized for my ability to design efficient systems, write clean and secure code, mentor engineers with empathy, and bridge the gap between business and technology. **You can read 35+ peer recommendations since 2014 that highlight my technical depth, problem-solving skills and leadership approach in my [LinkedIn recommendation profile](#).**

Work Experience

Software Architect (3 mos) → Team Lead and Delivery Manager (1 yr) → Senior Software Architect (over 2 yrs 6 mos)

[Kuehne+Nagel - Porto, Portugal \(Hybrid\)](#) | Oct, 2021 - Present (over 3 yrs 6 mos)

One of the world's largest logistics companies, Kuehne+Nagel operates globally in sea freight, air freight, contract logistics, and overland transportation.

- Started as a Software Architect in a newly formed engineering team, responsible for a global product distributed across five countries, with the primary goal of taking ownership of part of the product in Porto and migrating it from on-premise infrastructure to AWS cloud.
- Transitioned to Team Lead and Delivery Manager after the team became productive, acting as the main contact with the Hamburg team, leading hiring efforts, creating an onboarding program and training/onboarding all needed roles (developers, QAs, team leads, agile coaches). Scaled the local structure from a small team of 5 to three full cross-functional teams with 23+ people.
- Supported product delivery and team autonomy under a "you build it, you run it" model, helping improve architectural quality and delivery flow using the Kanban System.
- Returned to a full-time architecture role, joining the Architecture Board and collaborating with architects from Germany, Spain, Estonia and Poland to define global standards across the five distributed teams.
- After a year, I transitioned to serve as the lead technical architect for a new global product focused on Customer Care Location. I joined the initiative at its inception, helped grow the team from 0 to 8 engineers, and took full ownership of the system's architecture and technical direction. We delivered key features, including a real-time global dashboard that aggregates data from multiple systems to provide end-to-end visibility for Customer Care operations.

Main stack: Java 17 with Spring Boot, REST, OpenData, RabbitMQ, Kafka, OracleDB, PostgreSQL, Docker, OpenShift, AWS, GitLab CI, Bitbucket, Jenkins, Prometheus, Grafana, Sentry.

Senior Software Engineer (4 mos) → DevSecOps Engineer (1 yr)

[BMW \(Critical TechWorks\) - Munich, Germany \(Remote from Porto, Portugal\)](#) | Jun, 2020 - Sep, 2021 (1 yr 4 mos)

Critical TechWorks is the software engineering arm of the BMW Group, created as a joint venture with Critical Software to develop next-generation technology for the automotive industry.

- Joined the Offboard Security team in Munich to develop and maintain internal tools for other BMW security teams, working remotely from Porto via Critical TechWorks.
- I maintained a secure GitLab CI/CD environment for security projects, managing encrypted source code, containers and artifacts, with two-step authentication.
- Developed a custom Java library to abstract communication with HSMs (cloud and physical nCipher), supporting key generation, import, encryption, decryption, signing and verification operations.
- Acted as the technical lead for the Porto team, mentoring engineers, removing blockers and promoting professional growth.

Main stack: HSM, Gitlab, Java 17 with Quarkus, Vert.X, REST, AWS (Fargate, S3, RDS), Terraform, Ansible, Docker, Grafana and Prometheus.

Senior Software Engineer (8 mos)

[Talkdesk - Porto, Portugal \(On-site\)](#) | Sep, 2019 - Apr, 2020 (8 mos)

Talkdesk is a US-based unicorn that provides cloud contact center, unified communications, and AI-driven solutions, with headquarters in San Francisco and offices in the US, UK, and Portugal.

- Contributed to the development and improvement of the Developer Portal, supporting partners and internal teams with documentation, onboarding and integration tooling.
- Took on partial Tech Lead responsibilities by launching people-focused initiatives, including the creation of a knowledge matrix to map technical and business skills across the team.
- Designed and implemented a lightweight service bootstrap using Kotlin and Spring Boot to streamline the creation of new services, initiating a gradual migration from legacy stacks to this improved architecture.

Main stack: Github, Ruby, Heroku, AWS, MongoDB, Redis, GraphQL, Kotlin.

Senior Software Engineer (6 mos) → Tech Lead (1 yr) → Software Architect (8 mos)

[ContaAzul - Joinville/SC, Brazil \(On-site\)](#) | Jun, 2017 - Jul, 2019 (2 yrs 2 mos)

The ContaAzul is the most comprehensive SaaS business management platform in the Brazilian market for small and medium-sized enterprises and the first to offer real-time accounting on this platform.

- As a tech leader, I managed the onboarding of new engineers, provided technical support to several engineers both inside and outside the squad, assisted the Product Owner in setting and prioritizing stories, aided the team in breaking down and estimating tasks, and introduced and modified some agile techniques to enhance the software development process at the company.
- As a tech leader, I developed the first feature using 100% microservices in the company. There were 4 microservices using Spring Boot, Hibernate, Lombok, JUnit, Mockito, AssertJ, AWS SQS, AWS S3, AWS RDS, Prometheus, Grafana, Docker, Kubernetes, and New Relic. The feature has been used by 5,000 companies while I worked in the company, demonstrating a service-oriented architecture and a focus on customer needs.
- After the ContaAzul company bought the Wabbi company, I designed and developed integrations of the services from the two companies, which used different stacks.
- As a software architect, I supported 50 engineers in designing and building features. At the same time, I created tools to simplify day-to-day tasks and removed impediments from them.

Main stack: Github, Java with Spring Boot, PostgreSQL, AWS (SQS, SNS, RDS, S3, Lambda), REST, Go, ASP.NET Core with C# and Kubernetes.

Previous experiences (First 12 years of experience)

- Senior Software Engineer (company's co-owner)
 - [eSauce - Joinville/SC, Brazil](#) | May, 2014 - June, 2017 (3 yrs 1 mos)
- Software Engineer (2 yrs 6 mos) → Senior Software Engineer (2 yrs) → Software Architect (1 yr 4 mos)
 - [Thomson Reuters - Joinville/SC, Brazil](#) | July 2008 - April 2014 (5 yrs 10 mos)
- Trainee (6 mos) → Support Analyst (10 mos) → Junior Software Developer (2 yrs)
 - [Horizonte Tecnologia \(Pensa B Sistemas\), Joinville/SC, Brazil](#) | Mar 2005 - Jun 2008 (3 yrs 4 mos)
- Technical Intern (1 yr)
 - [Municipal Department of Education - Joinville/SC, Brazil](#) | Jan 2004 - Dec 2004 (1 year)

Main Degrees and Certifications

- 2023 - **Certification** in [Cybersecurity](#) at [ISC2](#)
- 2021/2022 **Two Kanban certifications:** [Team Kanban Practitioner](#) and [Kanban System Design](#) at [Kanban University](#)
- 2018 - Deep Learning **Nanodegree** at [UDACITY \(online\)](#)
- 2017 - **Certification** in SFA 4.0 Agilist at [Adaptworks](#)
- 2006-2011 - **BSc Computer Engineering Degree** with an emphasis in Software Engineering (5 years) at [UNISOCIESC](#)
- 2009-2010 **Three Microsoft certifications:** Application Foundation, Microsoft .NET 3.5 and Designing Web-based Application
- 2003-2004 - Software development for Desktop and Web **Technical Degree** (2 years) at [UNISOCIESC](#)

Additional Relevant Experience

- 2018 - **Microservices Technical Consultant** at [OpenTech](#) - Jun 2018 - Sept 2018 - Joinville/SC, Brazil
- 2018 - **Machine Learning Consultant** at [GoFind](#) - May 2018 - Nov 2018 - Joinville/SC, Brazil
- 2010-2011 - Published two short papers on deep learning, available [on my blog](#).