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## Fernando R. Ollé

Pelotas, Brazil / Remote

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### PROFILE

Developer, future Computer Scientist, Linux User, future hacker, and true tech-savvy.

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### EMPLOYMENT HISTORY

**Backend Developer, CashMe** ..... Sep 2022 – At the moment

**Technologies I'm using:** Java, Spring Framework, Spring-AOP, Spring-WebFlux, AspectJ, MapStruct, Docker, Kubernetes, SQL, and NOSQL Databases, AWS Buckets, SQS and SNS, and CloudWatch, JUnit, Mockito and Wiremock, Github and Github Actions, Kubernetes, Ports and Adapters Architecture, NewRelic, ArgoCD, and more,

**Local:** Remote

I'm working with distributed systems with various kinds of interactions, synchronous HTTP, Batch systems, CronJobs, Workers and Suppliers, Web APIs, internal libs. Also done a few Java JDK and Spring and Spring boot version migrations, and Kubernetes infrastructure migrations. Many types of automated tests, Mocked tests, Stubs base tests, and interface checks.

The majority of those projects were built using Ports and Adapters architecture, considering maintainability therefore making extensive use of Java Generics, and sparse use of Java Reflection API combined with Spring AOP, aiming to making those systems as robust, and maintainable as possible.

**Software Engineer, CloseUp International / Scala Systems** ..... Feb 2022 – Oct 2022

**Technologies I've used:** Java with Spring framework, Apache Kafka, Oracle 11g DB, and NoSQL Databases, Jenkins Automation Server, Docker, SonarQube Quality Gate, JUnit, and Mockito.

**Local:** Remote

During my time at Close-up, I've implemented from the ground up the access and permissions microservice formally known as Security Microservice. I've assembled the newest LTS version of Java, 17 at the time, with the latest version of Spring boot and its related framework. The Security Microservice controls the access of big players in the pharmaceutical industry to their Dashboards and Big data Pipelines.

I've also managed my team's deployments through a Jenkins pipeline to Docker containers located on Remote machines. Still related to the Jenkins pipeline I've implemented the versioning systems to show the current Micro SPA version on the React frontend to internal control.

**Owner, OlleLabs** ..... Feb 2022

**Company Owner** for contract work.

**Local:** Remote and Local

OlleLabs is a Company as a Software House/Fabric aiming to deliver software solutions of various types to contractors/partners to speed and quality on process automation routines of those partners bringing technologies to their field.

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**Frontend developer, TeleColeta / OlleLabs** ..... *Jan 2022 – Feb 2022*

**Technologies I've used:** React, Vite, Yarn, GitHub, and CDN solutions.

**Local:** Remote

TeleColeta is a local rubbish collector company focused on B-2-B that hired me in need of a landing page. The landing page was built with the JS ecosystem, most notably React, using some of Google's APIs, such as the Google Drive and YouTube APIs.

**Full Stack Web developer, CANGUÇU FM / OlleLabs** ..... *Dec 2021 – On Hold*

**Technologies I've used:** NextJS, GraphQL with GraphCMS, Yarn, GitHub, and CDN solutions.

**Local:** Remote

I was hired to build a Blog-like app for a local Radio company called Canguçu FM, but unfortunately, the project stalled in the latter phases of development due to internal issues between the partners of Canguçu FM. Radio is going strong and the project can still come back from the hiatus.

A Proof Of Concept (POC) was implemented, and it has as fully functional features:

- Reverse proxy to play the radio inside the website with full HTTPS support.
- Custom Content Management System (CMS),
- Account management to administrators,
- It's server-side rendered with custom paginations relative to post tags,
- Posts and comments systems with the capability for anonymous or signed

comments on the posts.

All previous features were built by me, and also the beginning of a Radio Schedule system implementation.

**Full stack Web Developer, MerTIns Tecnologias** ..... *Mar 2021 – Dec 2021*

**Technologies I've used:** in-house framework similar to Java PrimeFace, JSP, JPA, and JPQL, and SQL, EJB, PostgreSQL, MongoDB, JasperReports, Docker, and Flyway.

**Local:** Remote

As my first formal job with Java was phenomenal, it introduced me to various lower-level Java specificities that remain untouched with API-driven architecture, even more using a high-level framework such as spring.

Although it was challenging I was able to generate a good amount of impact in the company in question, implementing by myself the basis for their helpdesk system that became the replacement for Bugzilla, I also did the event logging and sinking module used for analyses of error and cost tuning.

And when I left the role 3 of my personal friends came to fill in the position as a recommendation of mine.

**Computer Science Tutor, Federal University of Pelotas - UFPel** ..... *Mar 2019 – Dec 2019*

**Scholarship Holder** Tutor and **Programming and Algorithms** monitor.

**Local:** Pelotas, Brazil

Helped the first-year faculties and visually impaired colleagues on various Computer Science subjects aiming to decrease course evasion. I've worked as a scholarship holder tutor, and I also got engaged in volunteer work. It was a fulfilling experience, more than serving to get my feet wet in monetizing my passion for technologies, it also connected me to wonderful people that showed me that visual impairment isn't enough to keep you from the things that you desire, one of those faculties is among the best professional of this field that I had ever meet, and he remains as my personal friend to this day.

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## RESEARCH WORK

**BDR-ID - UFPel and UFSM** ..... *May 2023 – Dec 2023*

**Volunteer Researcher.**

**Local:** *Pelotas, Brazil*

Our group's work consists on assembling a fundus image bank for research in targeting and detecting lesions associated with diabetic retinopathy, and also in the advancement of the state of the art of lesions detection associated with diabetic retinopathy

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## EDUCATION

**Federal University of Pelotas (UFPel)** ..... *Aug 2018 – Dec 2024*

**Bachelor's Degree in Computer Science - Pelotas, Brazil**

**CCLS** ..... *Feb 2021 – Aug 2021*

Post Advanced English Language Course - *Pelotas, Brazil*

**Santander And Digital Innovation One (DIO)** ..... *Mar 2021 – Set 2022*

Spring framework and Angular Bootcamp - *Remote*

**Federal Institute of Rio Grande do Sul (IFSul)** ..... *Mar 2019 – Nov 2019*

Web Development Technical Course - *Remote*

**Digital Innovation One (DIO)** ..... *Jun 2021 – Jul 2022*

Scalable Digital Business Fundamentals - *Remote*

**Udemy** ..... *Jan 2021 – Mar 2021*

Design Patterns in JavaScript - *Remote*

**Alura** ..... *Feb 2021 – Mar 2021*

Apache Kafka Formation - *Remote*

**Alura** ..... *Sept 2022 – Oct 2022*

Java Web Security: Preventing SQL Injection, Brute Force, and Other Attacks - *Remote*

**Alura** ..... *Sept 2022 – Oct 2022*

Java Web Security Part 2: XSS, Mass Assignment, and File Uploads! - *Remote*

**Alura** ..... *Sept 2022 – Nov 2022*

Spring Boot API Rest: API Security, Caching and Monitoring - *Remote*

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