Darlyn Anderson Vailatti
Software Engineer

`Full-stack` `AWS` `Python` `Java` `Javascript` `Django` `Spring Boot` `React` `Vue` `Agile` `Data Analysis` `Machine Learning`

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Every challenge has a solution through the power of software. With over a **decade of experience**, I've enhanced value creation and empowered business processes with curiosity and enthusiasm. Currently pursuing a Master's in Software Engineering with a focus on **Machine Learning**, I'm passionate about matching challenges with the right tools. Let's connect to discuss how my skills can drive innovation for your team!

EDUCATION

Master's in Software Engineering ML
Torrens University Australia - SA
09/2023 - 10/2025 `Machine Learning` `Data Analysis`

Post-Graduate of Software Engineering
UNISINOS/Porto Alegre-RS-Brazil
2019 - 2021 `Architecture` `Agile`

Bachelor's in Information Systems
UNOESC/Chapecó-SC-Brazil
2014 - 2017 `Computer Science` `Programming Marathon`

PERSONAL PROJECTS

🔗 **Climbing AR - Gamify indoor climbing** *(2022 - 2023)*

Software and hardware development of a platform to gamify indoor climbing using machine learning through video capturing. `Machine Learning` `React` `Python`

🔗 **SpeedApp - Athletic measurement platform** *(2015 - 2016)*

Software and Hardware development of a platform for collecting, managing and test sports teams with photoelectric sensors, with Python, Django, and other technologies `Python` `IoT` `Django`

CERTIFICATION/CONFERENCES

Data Scientist & Machine Learning *07/2024*
Code Academy

Microservices with Spring Cloud *05/2020*
Udemy, 4 hrs

TDC - The Developer's Conference *05/2019*
Software Development Conference, Florianópolis, SC, Brazil

TDC - The Developer's Conference *05/2016*
Software Development, Porto Alegre, RS, Brazil

APF - Software Analysis Measurment *05/2015*
Certification, 8 hrs – Fatto Consultoria , EAD.

WORK EXPERIENCE

Full-Stack Software Engineer *11/2020 - **Present***
Loadsmart *Logistics Broker* *Remote, US, Illinois, Chicago* **3+** years

Achievements/Tasks

Software development focused on complex system integrations utilizing **Python** frameworks like **Django** (ORM, REST) and message brokers (**Celery**, **Redis**, **RabbitMQ**). Implemented integrations using diverse protocols **(REST, SOAP, EDI, SFTP)** to seamlessly connect various systems. Enhanced system performance and visibility through instrumentation and monitoring with tools such as **Datadog**. **Leveraged AWS cloud infrastructure** to ensure **scalability** and **reliability**. Additionally, possess expertise in **front-end development** using **React**, creating user-friendly interfaces. One of my **main achievements was** building a **self-service integration onboarding system**. This empowered high-level users to integrate applications independently, resulting in a significant reduction in operational costs.

Full-Stack Software Engineer *10/2019 - 11/2020*
Compass UOL *IT Business Project Solutions* *Brazil* **1.5** year

Achievements/Tasks

Architected and developed robust **API integrations utilizing a microservices architecture**. This approach ensured **scalability**, **maintainability**, and independent deployment of our services. Utilized **Vue.js** and **Javascript** to craft highly performant and interactive front-end experiences. Implemented **Test-Driven Development** (**TDD**) practices using **Ruby**, ensuring high code quality. Further extended my automation expertise by applying Gherkin syntax for comprehensive testing of our **React Native mobile app.**
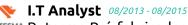
Full-Stack Software Engineer *08/2015 - 10/2019*
Coop. Agroindustrial Alfa *Brazil* **4** years

Achievements/Tasks

Developed and maintained **JavaEE** applications (**Spring, JPA**) for **logistics** and **financial** business solutions, including **TMS** and **ERP** systems. Focused on improving **efficiency and streamlining operations**. Built a centralized logistics platform that managed freight for over **150+ branches**, **resulting in a 20% reduction in costs**. Additionally, implemented DevOps practices (CI/CD pipeline) to improve software delivery speed and reliability.

I.T Analyst *08/2013 - 08/2015*
Rotesma Pré-fabricados *Brazil* **2** years

Achievements/Tasks

Managed a comprehensive ERP system encompassing HR, Industrial Manufacturing, Labor Safety, CRM, and Accounting modules. **Developed insightful BI reports** using SQL and tools like iReport, enabling data-driven decision making. **Doubled as a Business Analyst**, bridging the gap between business needs and IT solutions. Additionally, **oversaw the local IT infrastructure** as the **IT Manager**, ensuring smooth operation of networks and databases. **My main achievement was the implementation of an industrial tracking system that empowered operations to accurately track each piece of production along the assembly line.**