



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 Measurement 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 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.