



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 helped create value and streamline business processes by approaching problems with **curiosity** and **enthusiasm**. Currently pursuing a Master's in Software Engineering with a focus on Machine Learning, I'm **passionate about solving real-world challenges with the right tools and technologies**. Let's connect and explore how my skills can drive innovation for your team!

EDUCATION

Master's in Software Engineering ML

Torrens University Australia - SA
2023 - 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 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

Code Academy 07/2024

Microservices with Spring Cloud

Udemy, 4 hrs 05/2020

TDC - The Developer's Conference

Software Development Conference, Florianópolis, SC, Brazil 05/2019

TDC - The Developer's Conference

Software Development, Porto Alegre, RS, Brazil 05/2016

APF - Software Analysis Measuarment

Certification, 8 hrs - Fatto Consultoria, EAD. 05/2015

WORK EXPERIENCE



Full-Stack Software Engineer 11/2020 - Present

Loadsmart *Logistics Broker Remote, US, Illinois, Chicago* **4** years

Experienced in building complex system integrations using **Python (Django ORM/REST)** and distributed workloads (**Celery, Redis, RabbitMQ, Kubernetes**). Delivered seamless connectivity across systems via **REST, SOAP, EDI, SFTP** and **FTP**. Improved performance and observability with **Datadog**, and ensured scalability using **AWS infrastructure**. Also skilled in **front-end** development with **React**, creating intuitive user interfaces. A key achievement includes **developing a self-service integration onboarding platform**, enabling non-technical users to connect applications independently and significantly reducing operational costs.



Full-Stack Software Engineer 10/2019 - 11/2020

Compass UOL *IT Business Project Solutions Brazil* **1.5** year

Designed and developed robust **API integrations utilizing a microservices architecture**. This approach ensured **scalability, maintainability**, and independent deployment of distributed services. Utilized **Vue.js** and **Javascript** to craft front-end experiences. Used **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

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

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.**