

# BRUNO SUDRÉ

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**GitHub:** [github.com/BrunoSudre](https://github.com/BrunoSudre)

**For ML projects, see my portfolio:** [brunosudre.streamlit.app](https://brunosudre.streamlit.app)

## SUMMARY

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Final-year Artificial Intelligence student with five years of experience as a Software Engineer. Skilled in developing scalable microservice architectures and leveraging cloud computing for data-driven solutions. Passionate about applying machine learning and data science to solve complex challenges. Currently seeking an internship in Machine Learning or Data Science to apply AI expertise to solve real-world challenges.

## TECHNICAL SKILLS

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- **Programming Languages:** Python, Java, Kotlin
- **Machine Learning:** PyTorch, Scikit-Learn, Convolutional Neural Networks (CNNs), Random Forest, XGBoost, Optuna
- **Data Analysis and Visualization:** Pandas, NumPy, Matplotlib, Plotly
- **Databases:** MySQL, SQL Server
- **Cloud Computing:** AWS, GCP, Fury Platform

## LANGUAGES

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- **English:** Advanced
- **French:** Intermediate B2
- **Portuguese:** Native

## PROFESSIONAL EXPERIENCE

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### Software Engineer

Mercado Livre

June 2021 – August 2023

- Developed and maintained full stack applications using Java, Kotlin, and ReactJS, contributing to high-traffic services.
- Designed and implemented ETL scripts in Python, optimizing data processing workflows.

- Leveraged the Fury Platform for cloud computing, ensuring scalability and reliability of deployed applications.
- Spearheaded the refactoring and migration of legacy projects to modern architectures using Clean Architecture principles.
- Collaborated in Agile Scrum and Git Flow environments, improving project delivery timelines and team coordination.
- Resolved over 200 support tickets monthly through Jira, enhancing customer satisfaction with timely fixes.

### **Software Engineer**

B2W Digital

February 2020 – June 2021

- Developed back-end solutions in Java and Python, creating optimized scripts to support high-volume e-commerce applications.
- Deployed and managed services on AWS and Google Cloud Platform (GCP).
- Delivered accurate and efficient product search results for major e-commerce brands (Americanas, Submarino), enhancing user experience across multiple platforms.

### **Java Software Developer**

Accenture

July 2019 – February 2020

- Engineered back-end solutions in Java with Spring Boot for Santander Bank's Private Banking project, ensuring compliance with security standards.
- Designed and modeled the application database using SQL Server, enhancing data retrieval performance and data integrity.

## **EDUCATION**

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### **AEC in Artificial Intelligence and Machine Learning**

Collège LaSalle Montréal

2023 – 2025

### **MBA in Full Stack Development**

Paulista School of Informatics and Management

2021 – 2022

### **Technology in Software Analysis and Development**

Federal Institute of Education, Science and Technology of São Paulo

2017 – 2019