

# BRUNO SUDRÉ

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## Technical Skills

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

## Professional Experience

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### Software Engineer - Mercado Livre

June 2021 – August 2023

At Mercado Livre, I contributed to the development and maintenance of full-stack applications using Java, Kotlin, and ReactJS for high-traffic services. I played a pivotal role in optimizing data workflows with Python-based ETL scripts, migrating legacy projects to modern architectures, and ensuring scalability through the use of the Fury Cloud Platform. My efforts were instrumental in improving project delivery in Agile Scrum environments while maintaining a high standard of customer satisfaction by resolving a significant volume of support tickets.

### Software Engineer - B2W Digital

February 2020 – June 2021

During my time at B2W Digital, I focused on building efficient back-end solutions in Java and Python to support e-commerce applications for major brands such as Americanas and Submarino. I deployed and managed scalable cloud services on AWS and GCP, enhancing the performance and reliability of product search functionality, which directly improved the user experience across multiple platforms.

### Java Software Developer - Accenture

July 2019 – February 2020

At Accenture, I developed secure and efficient back-end solutions in Java with Spring Boot for Santander Bank's Private Banking systems. My responsibilities included database design and optimization using SQL Server, ensuring compliance with security standards while improving data retrieval performance and system integrity.

## Education

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### AEC in Artificial Intelligence and Machine Learning

2023 – 2025

*Collège LaSalle Montréal*

### MBA in Full Stack Development

2021 – 2022

*Paulista School of Informatics and Management*

### Technology in Software Analysis and Development

2017 – 2019

*Federal Institute of São Paulo*