

## EXPERIENCE

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### FullStack Developer (Jul. 2025 – Present)

BaseHit – Belo Horizonte, MG

- Developed a complete medication budget and bidding system for municipalities and healthcare institutions.
- Modeled robust data structures with complex relationships between medications, suppliers, municipalities, and bidding contracts.
- Implemented integrations with various external systems, including public catalog platforms and internal municipal systems.
- Worked with Django REST and PostgreSQL to ensure transactional consistency and secure operations.
- Optimized complex queries and data import routines with a focus on performance and scalability.
- Collaborated with other technical teams to define interoperability standards between legacy services and new platform modules.
- Designed and implemented intelligent automation features using LangChain and LangGraph, enabling LLM-driven workflows for document analysis and data extraction.

### FullStack Developer (Mar. 2023 – Jul. 2025)

OniMusic – Belo Horizonte, MG

- Developed a robust ETL pipeline using Django, integrated with a cloud-based data lake, to extract data from various social media platforms and serve it through a structured REST API for a mobile app.
- Redesigned a recurring task model for the company's task manager, focusing on the inherent complexity of scheduling and recurrence.
- Built microservices using Flask for data collection and processing from multiple social media sources.
- Refactored microservices to adopt more suitable languages and frameworks for better scalability and service integration.
- Created contract models for artists served by the company, structuring revenue-sharing and payout terms within streaming platforms.
- Provided support for the main catalog application (Django REST, PostgreSQL, React, Docker), handling tickets and fixing bugs.
- Performed data extraction, processing, and analysis for stakeholder presentations and detailed BI reports.
- Built various web scrapers for social media and streaming platforms, including Spotify.
- Refactored parts of the frontend using React and Tailwind to improve user experience and performance.
- Provided advanced support requiring deep expertise in BigQuery and Google Cloud Platform integration.
- Developed an internal ticket system within the catalog app for user support.

### Data Engineering (Jun. 2024 – Present)

Aratu (Contracted) – Vitória, ES

- Designed an intelligent data analysis and decision-making system using Eulerian and Lagrangian modeling.
- Developed a Django-based project to receive sensor data and train AI models to provide insights from collected data.

### Data Analysis & Development Intern (Apr. 2021 – Mar. 2023)

OniMusic – Belo Horizonte, MG

- Developed microservices using Flask and Django for data collection, processing, and serving.

## PROJECTS

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RFID Controller | React, Django REST, Docker

- Used Vite for fast development and optimized frontend builds.
- Managed data flows and Modbus protocol configuration for efficient data retrieval.

## PUBLICATIONS

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### **Use of RFID in Universities, Schools, and Educational Institutions (Oct. 2019)**

- Developed an embedded system using Raspberry Pi 3 B+ and RFID module for real-time student attendance tracking.
- Built the embedded software in Python and a web application using Vue.js (Athena IFMG).
- Used Google's Firebase real-time database for data storage and synchronization.

## TECHNICAL SKILLS

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Languages: Python, Golang, C/C++, SQL, PostgreSQL, JavaScript, HTML, CSS, R, Java Frameworks: React, Node.js, Flask, FastAPI, Django REST, Spring, Gin, Go Cloud, Beego Development Tools: Git, Docker, Google Cloud Platform, VS Code, PyCharm, PostgreSQL, Jira, Confluence, Webpack, Linux, NewRelic, Apache Benchmark, Apache JMeter, Ansible Libraries: pandas, NumPy, Matplotlib

## LANGUAGES

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Portuguese: Native English: Fluent German: Intermediate

## EDUCATION

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Federal Institute of Minas Gerais (Jan. 2018 – 2025) Bachelor's Degree in Control and Automation Engineering – Ibirité, MG

## ADDITIONAL INFORMATION

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- Lived in Austria, gaining international and multicultural experience.