

Luiz Budeu

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PROFESSIONAL SUMMARY

Full-stack Software Developer with +3.5 years of experience building scalable web applications and data pipelines. Proven track record of delivering solutions in remote environments using Laravel, Python, AWS, and modern DevOps tools.

EDUCATION

- **Escola Politécnica da Universidade de São Paulo (USP)** São Paulo, Brazil
Bachelor in Engineering - Computer Engineering 2020 - 2024

WORK EXPERIENCE

- **Itigo Consulting** São Paulo, Brazil — Remote
Software Engineer & Tech Analyst Jan 2022 – Jul 2025
 - **Data Engineering and ETL Development:** Developed and maintained scalable ETL pipelines using Python, Django, Apache Airflow, and SQL to process large volumes of data for a mobile gaming client. Integrated with external APIs, AWS S3, Redis, and BigQuery. Deployed jobs using AWS ECS and monitored infrastructure with CloudWatch.
 - **Web Application Development:** Built and extended multiple web platforms using Laravel, PHP, and Laravel Admin. Delivered features such as role-based access control, secure authentication, and report visualization panels (Power BI, Qlik Sense) for analytics portals across three projects.
 - **Data Analysis and Dashboarding:** Created data sources in MySQL and BigQuery to support reporting needs. Built dashboards in Google Looker Studio using optimized queries, and delivered clear insights through visualizations (charts, tables, KPIs).
 - **R&D and Project Estimation:** Led the research and estimation phase of a new internal project aimed at integrating ChatGPT with a private administrative portal. Evaluated OpenAI API usage, deployment options, data security concerns, and cost feasibility.
 - **Cloud Backup Automation:** Automated the backup and relocation of over 80 thousand of project files across AWS S3 buckets by reverse-engineering a legacy .NET system. Built Python scripts and used AWS SDKs and Microsoft APIs to ensure data integrity and traceability.

PERSONAL PROJECTS

- **🐙 NANDesis:** Educational web platform for teaching digital systems, featuring interactive logic circuit simulation, student account management, and instructor tools for theory, exercises, and automated evaluation of student-submitted circuits.
- **🐙 Manga Panel Scraping API:** RESTful API built with FastAPI that retrieves manga panel image links based on manga name, chapter, and page number. Implements dynamic HTML parsing and content serving.

LANGUAGES

English	Portuguese	Spanish
Fluent (C2)	Native	Advanced

TECHNICAL SKILLS

- **Languages:** Python, PHP, Ruby, Java, JavaScript, TypeScript, SQL
- **Frameworks & Libraries:** Laravel, FastAPI, Django, Vue.js, React, Node.js
- **Data & Cloud:** MySQL, BigQuery, Redis, AWS (S3, ECS, CloudWatch)
- **Tools & DevOps:** Docker, Git, Azure Pipelines, Airflow
- **Others:** REST APIs, OAuth, SaaS Architecture, CI/CD, TDD, Clean Architecture, SOLID Principles