

Thiago Boimer

thiagoboimer@gmail.com | [linkedin.com/in/thiagoboimer](https://www.linkedin.com/in/thiagoboimer) | github.com/ThiagoBoimer

Skills

Languages: Python, Go, Java, SQL, JavaScript, HTML/CSS, LaTeX, VBScript

Frameworks: Flask, Django, FastAPI, HTMX, Bootstrap

Developer Tools: Git, Docker, GCP APIs, AWS EC2, AWS S3, Kafka, NGINX

Data Tools: NiFi, Spark, MySQL, SQL Server, PostgreSQL, MongoDB, Beam, Airflow

Project Management Tools: Jira, Trello, Active Collab, Confluence, Miro

Experience

Backend Engineer, DataforAll – Florianópolis, Brazil Nov 2022 – Feb 2024

- Implemented a new feature on Connect360 platform using Flask and PowerBI API allowing admins granular user access control of dashboards by page, adding an extra layer of governance for over 300 users
- Developed ads analytics API connectors (Google Analytics, Facebook Insights, TikTok Ads and more) enabling marketing teams to unify their reports, saving days of work gathering data from multiple platforms
- Developed ERP, CRM API connectors (Omie, Intercom, Pipedrive) to retrieve reports and built pipelines using Apache NiFi and Kafka to deliver data ready to the BI team, improving dashboards efficiency and maintenance
- Constructed tasks schedulers using Linux Cron and Python assuring concise logging and error handling, Git versioning best practices and code style according to PEP8
- Built Python libraries with reusable code to improve development productivity and ease of maintenance
- Wrote queries to several DBs like MySQL, SQL Server, PostgreSQL, SAP HANA (Oracle), MongoDB
- Monitored and solved issues in production ETL pipelines
- Documented auxiliary guides to help team members understand and setup tools like Git, APIs and DBMS
- Participated in cloud migrations acting on dumping databases from one cloud to another (AWS, Azure, GCP)

Systems Developer, scadaHub – Florianópolis, Brazil Feb 2022 – Nov 2022

- Developed APIs using Django REST Framework to integrate client system (SCADA) with third-party services enabling both data retrieval and ingestion to SQL Server databases
- Built a Python-based Windows Server service using Win32 libraries and pipeline to periodically ETL electrical power and pluviometric data from measurement services APIs, saving clients hours of manual tasks
- Designed Excel dashboards fetching data from a SQL Server and automated report generation using Python libraries for email and PDF generation, streamlining report delivery to client groups via email
- Constructed and optimized components libraries for SCADA systems using Elipse Software and VBScript, allowing customization, reusability and cleaner user experience
- Documented every code implementation using Notion, enabling safe maintenance and future improvements

Projects

Residuose residuose.tech | github.com/ThiagoBoimer/residuose

- Developed an MVP full-stack web application using Django and HTMX that enables industries looking for alternative raw materials to find possibly useful waste generated by other industries
- Was part of my Capstone Project, document at github.com/ThiagoBoimer/tcc-project
- Built the application containerized with Docker, reverse-proxy with NGINX and Certbot HTTPS certification
- Made use of Github Actions to load project document to a Google Drive folder on push for mentor revision

Education

Federal University of Santa Catarina – Bachelor degree in Materials Engineering

Brazil, 2023