

Antoniel Santos

Backend Developer / Software Engineer

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PROFESSIONAL SUMMARY

Backend Developer with experience in APIs, automation, and databases. IT professional with 5 years of experience. Skilled in building scalable RESTful APIs, system integration, process automation, and data pipelines using Python, Django, Flask, and ETL tools such as Pentaho. Experienced in large-scale squads applying Scrum practices and participating in Agile Release Trains, collaborating with Product Owners, Agile Masters, and Technical Leads. Proficient in using tools like Jira for project management and progress tracking. Holds PCEP and SFPC certifications, with a proven record of contributing to strategic projects and optimizing workflow efficiency.

SKILLS

Python	Flask	Docker	Redis	Postman
Django	SQL	Kubernetes	Git/Github	Pentaho

EXPERIENCE

Morning Star Consulting, Rio de Janeiro, Brazil

May 2025 – Present

Full Stack Python Developer (Petrobras — DALES Project)

- Participating in the DALES Project (Petrobras), within an Agile Release Train (Scrum/Jira) with 8 developers, 1 Agile Master, 1 Technical Lead (TL), and 1 Product Owner (PO). Deliverables are coordinated with other squads in a corporate environment (multiple systems and terabyte-scale databases).
- Back-end:** Development and maintenance of REST APIs using Python/Flask; CRUD operations with validations, filters, and pagination; migrations and indexes; query optimization in PostgreSQL; version control with Git (GitHub/GitLab); basic knowledge of Cloud Computing (AWS and Azure).
- Front-end:** Working with HTML, CSS, and JavaScript (UI/UX improvements and form enhancements). In a specific project for a task and project management portal (BPM workflows), implemented auto-fill and validation features that reduced ~50% of users' manual effort.
- Data & Security:** Creation and adjustment of views and materialized views for reports; data migrations; use of Checkmarx (AST/SCA) for dependency updates and vulnerability fixes.

Santri Soluções, Brasília, Brazil

September 2024 - April 2025

Python Backend Developer

- Developed and maintained three APIs in Django and Flask (geoprocessing, lead capture via Google API, and internal systems), optimizing information flow between users and operations.
- Automated processes with PyAutoGUI and Selenium for updating Power BI Workspaces, and registering users and organizations in Grafana — eliminating repetitive tasks and saving approximately 5 hours per week, allowing greater focus on strategic activities.
- Implemented ETL pipelines using Pentaho, Grafana, and Power BI to process data in Giga- and Terabyte-scale databases, facilitating analysis and generation of strategic reports.
- Managed containers with Docker and Kubernetes, ensuring scalable deployments and high availability through service orchestration, clustering, and load balancing.

- Created and optimized Oracle queries (on ~1TB databases), improving the response speed of clinical and administrative indicator reports.
- Implemented MvReport and ReportDesigner dashboards for bed occupancy, supply control, and hospital billing, supporting data-driven decision-making.
- Administered critical hospital systems (SoulMV — the largest hospital system in Latin America — and SPData, a leading solution in Minas Gerais) for over 5,000 users, collaborating with 15 analysts and applying agile methodologies to ensure stability and continuous operation.
- Managed servers and databases in critical environments, prioritizing security and system availability.

Ânima Centro Hospitalar, Anápolis, Brazil
IT Analyst

November 2020 - February 2022

- Created SQL scripts in Firebird for real-time data queries, supporting managers and directors in monitoring performance indicators.
- Configured and maintained 5 servers (Linux and Windows), including network administration and Dell switch setup, ensuring high performance and reduced unplanned downtime.
- Validated data flow via Postman for partner laboratories (Hermes Pardini and Álvaro Apoio), checking XML file transmission between APIs to guarantee consistency of lab test results.

ACADEMIC BACKGROUND

Universidade Federal de Goiás (UFG) – Postgraduate Diploma in Database with Big Data

Universidade Estadual de Goiás (UEG) – Bachelor of Technology (B.Tech.) in Computer Networks

COURSES & CERTIFICATIONS

- **PCEP – Certified Entry Level Python Programmer** - (Python Institute)
- **Scrum Foundation Professional Certificate** - (SFPC) (CertiProf)
- **Desenvolvedor Python** - (XP Educação)
- **Data Analysis and Visualization** - (Asimov)

LANGUAGES

- **Portuguese:** Native
- **English:** C1 Level (Advanced) - Certified by EF SET.

DIFFERENTIATORS & INTERESTS

- Interest in Backend, Software Engineering, and APIs, with a focus on scalable development and process optimization.
- Teamwork and cross-functional collaboration, ensuring alignment between technology and business objectives.
- Problem-solving and analytical thinking, applied to system improvements and process automation.
- Effective communication, facilitating technical knowledge sharing and team integration.
- Time management and organization, ensuring on-time deliveries and prioritization of critical tasks.