

# Renato Rosa dos Santos Filho

Biomedical Scientist • Laboratory Specialist • IT Support Customer

Date of Birth:	05/02/1980
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Nationality:	Brazilian

## Professional Summary

Biomedical professional with solid experience in clinical laboratories, technical coordination, and support for laboratory systems. Skilled in Python script maintenance, customer support, automation, and quality control (GMP/GLP). Strong ability to train users and integrate technical solutions into laboratory processes.

## Languages

Portuguese — Native | English — C1 | German — B2

## Skills

- Python (script maintenance and creation)
- Frontend & Backend (basic)
- Kibana, Confluence, JSON
- Laboratory process automation
- Quality Control (GMP/GLP)
- Equipment management and calibration
- Training and user support

## Education

- Bachelor's in Biomedical Sciences — Clinical Diagnosis (2002 – 2006)
- Supervised Internship — Jorge Furtado Laboratory (2002 – 2006)
- Research in Influenza Medicine — Uniube / Jorge Furtado Lab (2002 – 2004). Activities: qPCR, ELISA, HPLC, cell bioassays (AS49 ATCC); GMP/GLP protocols
- Research in Immunogenetics — Internship in HLA Cells (2005)
- Technological Course — Full Stack Web Development, Senac College (ongoing; expected completion: 01/03/2026). Languages: Python, JavaScript

## Professional Experience

**Jun 2022 – Present** — IT Support Customer / Application Specialist | Labdock (Germany) & Labtechnologies (Switzerland)

- Maintenance of laboratory systems and online customer support.
- Basic maintenance of Python codes; script programming and review.
- System updates and implementation of improvements.
- Creation of Python rules and development of technical solutions to optimize processes.
- Basic frontend and backend development (adjustments and integrations).
- Training new users in the system and providing advanced technical support.
- Practical knowledge in Kibana, Confluence, and JSON handling.
- Code review, problem identification, and basic corrections.
- Completed a 6-month Python training program for laboratory application support.

**Jan 2021 – Dec 2021 — Biomedical Scientist | MDI Limbach Laboratory**

- Clinical chemistry, hormonal, and immunohematology analyses.
- Operation and calibration of automated hematology equipment.
- Daily and monthly quality control management.
- Microscopic review in hematology and preparation of technical reports.

**Jan – Dec 2020 — Biomedical Scientist | Urological Diagnostic Laboratory Dr. Bargel**

- Work in urinary microbiology and blood collection.
- Calibration and maintenance of urinalysis equipment.
- Quality control in microbiology and sampling protocols.

**2017 – 2019 — Elderly Caregiver**

- Administration of medications and therapeutic support.
- Assistance with daily activities and personal care.

**2014 – 2016 — Biomedical Coordinator | Rede Dor Hospitals and Laboratories**

- Coordination of multidisciplinary teams and technical supervision.
- Validation and maintenance of high-complexity equipment.
- Implementation of quality control protocols (GMP/GLP).
- Technical training of laboratory teams.

**2012 – 2014 — Owner | Santa Cecília Laboratory**

- Administrative and operational management of the laboratory.
- Implementation and structuring of laboratory processes and workflow.
- Team training and supply management.

## Research & Projects

- Research in Influenza Medicine — Uniube / Jorge Furtado Laboratory (2002 – 2004): qPCR, ELISA, HPLC, development of cell bioassays (AS49 ATCC).
- Research in Immunogenetics — Internship in HLA Cells (2005).

## Technical Skills & Tools

- Python — script maintenance, review, and creation.
- Frontend (HTML/CSS/JavaScript) and basic backend for system integration.
- Kibana, Confluence, JSON, and monitoring tools.
- Calibration and maintenance of laboratory equipment.
- Quality Control (GMP/GLP) and process validation.
- User training and technical documentation.

Updated: 07/08/2025 — References and portfolio available upon request.