

# GUILHERME TEODORO RODRIGUES

## Professional Summary

Control Systems Specialist with over 5 years of experience in industrial automation and OT/IT integration. Expert in commissioning and startup of machinery in the Pharmaceutical (Brainfarma, Farmax) and Food (PepsiCo, BRF) sectors. Proven track record in PLC/HMI programming (Siemens, Allen-Bradley, Schneider), NR12 safety compliance, and automating workflows via Python/RPA to bridge the gap between shop-floor and management levels.

## Contact

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-  <https://progt07.github.io/Portfolio/>
-  Brazil, Goiânia

## Technical Skills

- PLCs & Motion: Siemens (TIA Portal), Allen-Bradley (Studio 5000), Schneider (EcoStruxure), WEG, VFD Configuration.
- Industrial Networks: EtherNet/IP, Modbus, DeviceNet, SQL Database Integration.
- Automation Tools: Python (Data Integration), Power Automate (RPA), API Development.
- Standards & Compliance: NR12 (Machinery Safety), GAMP 5, SAT, IQ/OQ (Commissioning Protocols).

## Soft Skills

- Problem Solving
- Cross Functional Collaboration
- Process Optimization
- Proactivity

## Languages

- Portuguese: Native
- English: Professional Working Proficiency (IELTS General: CLB 6 - Currently preparing for CLB 7)

## Professional Experience

### Automation Software Developer (RPA)

Grupo Odilon Santos | May 2024 – Nov 2025

- Developed and implemented 10+ custom RPA solutions using Python and Power Automate, resulting in a 70% reduction in manual workload (saving 200+ labor hours annually).
- Designed APIs to integrate automated workflows with internal systems and structured SQL queries for business intelligence.
- Performed process modeling (BPMN) and rigorous Quality Assurance (QA) testing to ensure software-hardware interface integrity.

### Control Systems Specialist

Brava Soluções | May 2021 – May 2023

- Executed on-site commissioning and startups for major Pharmaceutical (Brainfarma, Farmax) and Food & Beverage (PepsiCo, BRF) plants.
- Programmed and tested PLC/HMI systems (Schneider, Siemens, Allen-Bradley) and configured VFDs for automated production lines.
- Applied NR12 Safety Standards and conducted technical surveys to prepare detailed engineering specifications.
- Designed secure OT networks (EtherNet/IP, Modbus) and integrated SCADA systems with SQL databases for real-time monitoring.

### Industrial Automation Analyst

Wtecc Engenharia Ltda. | Brazil | Mar 2020 – Aug 2020

- Analyzed manufacturing processes to identify material inefficiencies, implementing logic changes that reduced waste by 18%. Assisted in the electrical maintenance of control panels and field instrumentation.

## Education

### Technologist in Industrial Automation Faculdade SENAI Ítalo Bologna | Brazil | 2017 – 2019

Faculdade de Tecnologia SENAI Ítalo Bologna | 2017-2019

Note: 3-Year Technologist Degree with extensive hands-on laboratory hours in PLC and Process Control.  
(Level 7/8 Equivalent)