

LUANA GOMES

SOFTWARE ENGINEER

DETAILS

ADDRESS

Joinville
Brasil

PHONE

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EMAIL

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LANGUAGES

English

● ● ● ● ○

Spanish

● ● ● ○ ○

Portuguese

● ● ● ● ●

SKILLS

Troubleshooting

● ● ● ● ●

Linux

● ● ● ● ●

Scrum, JIRA

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Python

● ● ● ● ●

Django, Flask

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C++, C, C#

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Microcontrollers

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PostgreSQL, MySQL

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JavaScript, React,
TypeScript

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Machine Learning

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PROFILE

Software Engineer with experience in critical systems and industrial automation. Specialized in full-stack development (React, Python) and system integration (APIs, PLCs, robots, sensors, and actuators).

EMPLOYMENT HISTORY

Custom Software Engineer, Accenture

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Mar 2025 — Present

Development of an ompliant system for traceability of controlled medications:

- Architecture and development of an auditable system for prescription, dispensing, and traceability of controlled medications.
- Integration with alarm systems and authentication with hierarchical levels.
- Complex migration of large volumes of data (MySQL to PostgreSQL), ensuring integrity and persistence.
- Execution of QA testing and validation of regulatory compliance.

System integration in an industrial engineering hub:

- Full-stack development of a Human-Machine Interface (HMI) for tablets in a factory environment, integrating PLCs and UR robots.
- Integration with ERP (SAP), enabling real-time monitoring.

Self-Employed Full Stack Engineer, Microenterprise

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Feb 2022 — Jan 2025

Requirements Engineering & Solutions Architect:

- Delivery of complete systems from architecture to production for multiple clients, such as [diagnosticoia.q-assist.ia.br](#) and [taonclient.com](#).
- Implementation of RESTful APIs with Google Maps, Google Auth, and OpenAI.
- Technologies: TypeScript/React, Python/Django/Flask, PostgreSQL/MongoDB, Docker, AWS.

Computer Vision Intern, Pollux Automation

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Jan 2022 — Jan 2023

Pharmaceutical Traceability with Computer Vision:

- Development of image processing tools including datamatrix reading (C++), filters (OpenCV), and Optical Character Recognition (Tesseract OCR, Keras OCR) for Real-Time analysis with 200ms processing time.
- Triggering and management of industrial cameras with Python and C++.
- Creation and cleaning of datasets for packaging quality validation.

EDUCATION

Mechatronics Engineering , Federal University of Santa Catarina

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Mar 2018 — Jul 2026