

# Guilherme Rodrigues

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## WORK EXPERIENCE

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### Dell Technologies

October, 2022 – Present

*Software Developer → Software Developer for Manufacturing Intern*

*Remote, Brazil*

As a Software Development Intern transitioning into a full-time Backend Developer at Dell Technologies, I have demonstrated a robust skill set in Python and Go, with a strong emphasis on backend development technologies and practices. My experience and contributions are summarized as follows:

- **ETL and RPA Development:** Led initiatives using Python, significantly reducing information gathering time by 80%, saving over 120 hours monthly. Enhanced workflow continuity, cutting downtime by 30%.
- **APIs and CRUD Operations:** Developed REST APIs and CRUD operations, employing Flask and FastAPI for Python, and Gin for Go, which streamlined SQL database interactions, improving data processing speeds by 50%.
- **Data Accuracy and Management:** Achieved a data accuracy rate of 99.8%, utilizing SQL databases to bolster decision-making and productivity.
- **Software Development Tools and Practices:** Leveraged Git for version control and applied software architecture principles alongside cloud computing technologies. Implemented Docker for deployment efficiency, utilized Redis for caching, and ensured system scalability through load balancing.
- **Agile Methodology:** Championed goal-based development within agile frameworks, facilitating bi-weekly team meetings to ensure alignment and adaptive response to project requirements.

This transition from internship to a full-time role allowed me to expand my technical prowess in backend development, focusing on creating scalable, efficient, and reliable software solutions. My proficiency with critical development tools and methodologies underscores my capability to contribute significantly to backend development projects.

## EDUCATION

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### University Center of the Hermínio Ometto Foundation - FHO

2019 - 2023

*Engineering Bachelor's Degree, Mechanical Engineering*

*Araras, SP*

- Developed a predictive maintenance Neural Network for Thesis, achieving 82.3% of accuracy in tests and tryouts, being approved with the best results.
- Applied the concepts of machine learning and deep learning to developed study tools to help improve productivity.
- Lead the STARTUP!Engineering, a Junior Enterprise program that aims to give the students the experience of a company.

## SKILLS

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- Backend Development, API Development, Object Oriented Programming, SOLID Principles, Clean Code Principles, ETL Development, Python, Pandas, Numpy, SQL, Git, Unit Tests, Self Taught English Skills, Intermediate Advanced Office Package