

# Daniel Augusto Rodrigues Farina

## Master in Informatics

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## Summary

I hold a master's degree in computer science from the Polytechnic Institute of Bragança (IPB/PT), through a dual-degree program with the Federal University of Technology – Paraná, Campo Mourão campus (UTFPR/CM-PR), where I earned a bachelor's degree in computer science.

My professional experience began with an internship at a startup and expanded as I worked at various companies in Campo Mourão (PR), where I gained practical knowledge in agile methodologies, working as a full-stack developer.

Additionally, I had the opportunity to work with deployment technologies, such as GitHub Actions and Azure Actions, as well as tools for managing projects organized in microservices using Kubernetes.

Having completed the extension of my studies in Portugal and returned to Brazil, I am seeking an opportunity to apply my skills, contributing to solving social and organizational problems through technology.

## Experience

### Viptech, Full Stack Developer (March 2022 - February 2023)

Tech: NodeJS, NestJS, .NET, Python, Postgres, OracleDB, Redis, Angular, React, Kubernetes

Website: <https://viptech.com.br/>

- Development of web pages and APIs in a microservice model.
- Integration with AI models (Yolo) for image recognition.
- Updating application configurations running on Kubernetes.
- Addition of dynamic and failure-resilient forms.
- Dynamic configuration for cameras from 3 different brands.
- Pages with smart forms, including searches and automated filling.
- Analysis and resilience with inconsistent data during form confirmation, reporting their pending issues.

### Cristófoli, Mobile App Developer (June 2021 - December 2021)

Tech: React Native, Socket TCP

Website: <https://www.cristofoli.com/>

- Development of a mobile application.
- Integration with a Java API.
- Integration with nearby devices using the TCP protocol.
- Application with a dynamic main menu in a circular format.
- Listing of paired devices, monitored via TCP packets and bidirectional socket.
- Communication and sending of commands to paired devices.
- Interface for managing the user's profile.

### ATLA Ensino, Intern Software Developer (June 2019 - July 2020)

Tech: Angular, Ionic, NodeJS, ExpressJS, MongoDB

Website: <https://atlaensino.com/>

- Update of the mobile application and the web system.
- Update of the API with data queries for reports.
- Update of the API with automatic notification sending.
- User experience analysis.
- User training and support.
- Interception of more than 30 different collections for issuing alerts to users.
- Modeling and suggestions for standardization in the creation of resource pages.
- Implementation of more than 10 different reports (basic managerial ones, such as attendance and assessment results, and performance comparisons between classes, schools, or regions).

## Education

### Master's Degree in Informatics

Instituto Politécnico de Bragança (IPB) (February 2023 - June 2024)

Website: <https://estig.ipb.pt/>

TCC investigating the behavior of parallel systems in C programs using fork. A simulator was developed and evaluated in the classroom to assist in teaching Operating Systems, with the results of the real execution of preprocessed C programs with the injection of code that recorded the behavior and generated a log file to be viewed.

### Bachelor's Degree in Computer Science

Universidade Tecnológica Federal do Paraná (UTFPR) (August 2016 - October 2024)

Website: <http://www.utfpr.edu.br/>

## **Skills**

HTML - CSS - JavaScript - TypeScript - ReactJS - React Native - Angular - Python - FastAPI - flet - NodeJS - NestJS - C# - .NET - Java - SpringBoot - Go - Rust - MySQL - Postgres - OracleDB - MongoDB - Redis - Docker - Kubernetes - NodeRED

## **Languages**

- Portuguese (C2 - Proficient)
- English (B1 - Intermediate)
- Italian (A2 - Elementary)
- Spanish (A1 - Basic)