

# Nicolas Vycas Nery

FullStack Developer | Python | SQL | Java | Typescript  
Rio de Janeiro - Brazil

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## Summary

I'm Nicolas, a programmer with 8 years of studies in the field. I began studying software development in 2016 while attending FAETEC's technical high school, where I focused on Java development. Since then, I've continued to build my skills and knowledge through self-study and my current studies in Computer Science at CEFET/RJ.

I'm particularly interested in fullstack development because I enjoy being involved in all aspects of a project, from the front-end to the back-end. For me, it's all about finding the best solution to the problem at hand, regardless of the technology stack or business domain.

Currently, I'm an intern at TCU, Federal Court of Accounts, in the Data Scientist area, where I work with Python, PowerBI, SQL, and other technologies. My goal is to transition into a software development role, which was my original career objective 8 years ago.

In addition to my work at TCU, I was working part-time full stack developer at BetaBit, where I work with React, NestJS, NodeJS, Typescript, PostgreSQL, AWS, and other technologies.

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## Contact

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## Education

### Higher Education

In progress  
**(Bachelor's degree in Computer Science)**  
at CEFET/RJ  
Federal Center for Technological Education  
(2020 – 2024)

### Technical High School

Completed  
**(Technical education in informatics)** at  
FAETEC  
State Technical School República  
(2016 - 2018)

## Experiences

### Tribunal de Contas da União Internship

**Data Science Internship Python | Pandas | Matplotlib | Seaborn | Numpy | Excel**

Data mining and management of structured data, using Microsoft Excel, Power Bi and Python. Assistance in the creation of Python programs / script using the following tools / technologies:

**Jupyter, pandas, matplotlib, seaborn, numpy, SQL, Excel**

Aug 2021 - Present · 1 yr 10 mos



GitHub

[github.com/tomast1337](https://github.com/tomast1337)



LinkedIn

[linkedin.com/in/nicolas-vycas](https://linkedin.com/in/nicolas-vycas)

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## Cefet/RJ - Centro Federal de Educação Tecnológica Celso Suckow da Fonseca

**Undergraduate Researcher, Unity | Python | C#**  
Assisting in the creation of a game with a focus on interface for visually impaired individuals using the following technologies: Unity, Python, and C#.

Nov 2022 - Present · 7 mos

## BetaBit Dev · Part-time

**Full Stack Software Developer TypeScript | ReactJs | NextJs | NestJs**

As a part-time Full Stack Software Developer, I was responsible for developing web applications using the latest technologies, following agile methodology.

On the frontend, I used React, Next.js, and Tailwind Css to create rich and intuitive interfaces, making web applications more attractive and user-friendly.

On the backend, I used Nest.js, TypeORM, and PostgreSQL to create scalable and robust web applications. I also use Python and FastAPI to create RESTful APIs.

Additionally, I use tools such as Git to version my code and Docker to create isolated development and production environments.

Summary the Technologies used:

**React, Next.js, Tailwind Css, Nest.js, TypeORM, Python, FastAPI, PostgreSQL, Git, Docker, Agile, Firebase**

## Volunteering Work

**Class Assistant - Data Structures Course C++ | C**

- I assisted the class in addressing student's doubts in the course. I use the C and C++ languages and provide assistance with the development of the following topics:

- Sequential linear structures
- Sorting algorithms
- Heterogeneous composite variables
- Pointers
- Dynamic linear structures
- Non-linear data structures - Trees

Mar 2022 - Oct 2022 · 8 mos

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## Languages

- **Portuguese - Native**
- **English - Fluent**



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