

# Rafael David da Silva

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## Education

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### Universidade Virtual do Estado de São Paulo

BACHARELADO IN COMPUTER SCIENCE

Butantã - São Paulo

07/2022 - 07/2025

### Cubos Academy

FREE COURSE IN SOFTWARE DEVELOPMENT WITH EXPRESS

Recife - Pernambuco

08/2022 - 06/2023

## Work Experience

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### Cubos Academy

BACKEND INSTRUCTOR

Recife - PE

09/2023 - 12/2023

- As a software development instructor, I had the opportunity to provide instructional guidance to students, thereby increasing their motivation to pursue programming roles. By providing guidance, I have had the privilege of upskilling individuals in terms of Node and React, as well as JavaScript basics, passing to React framework in frontend and API development with Express in backend. Additionally, I actively revise lesson plans based on students' ongoing progress, ensuring a personalized and effective learning experience.

### Botdoc

SOFTWARE ENGINEER INTERN

Monument, CO

01/2023 - 06/2023

- Developing a new version of a legacy product in the data transfer niche, working on a port of a CakePHP framework project to Python, using Django Rest Framework. Working with Typescript / Angular +2 in Frontend with Ionic for responsiveness in a web environment. Generating unit tests using Pytest and working with Playwright for E2E testing to ensure reliable and maintainable code.

### Botdoc

JUNIOR SOFTWARE DEVELOPER

Monument, CO

06/2023 - 10/2023

- Developing a new version of a legacy product in the data transfer niche, working on a port of a CakePHP framework project to Python, using Django Rest Framework. Working with Typescript / Angular +2 in Frontend with Ionic for responsiveness in a web environment. Generating unit tests using Pytest and working with Playwright for E2E testing to ensure reliable and maintainable code.

## Hard Skills

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**Programming Languages:** Javascript, Typescript, Python, Php

**Databases:** Postgres, MongoDB

**Frameworks:** Django, Django Rest Framework, Angular 11+, Ionic Framework, Expressjs, Nestjs, CakePHP

**Libs:** React, Jest, Playwright, Pytest

**DevOps:** Docker, Git/Github

**Languages:** English A1 (Read, Speak, Listen, Write), Portuguese (Native)

## Projects

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### Express-api-PDV

EXPRESS API DEVELOPED TO REPLY A PDV SYSTEM, REALIZING CRUD OPERATIONS, AUTHENTICATION WITH JWT, SENDING CUSTOM EMAILS AND IMAGE STORAGE BY AWS-S3 IN CLOUD BUCKETS.

Typescript, Express, Aws-S3,  
MailSender, Swagger, Postgres,  
Jest, Git, Jwt

<https://github.com/rdvid/pdv-api-iffood>

### Nest-Crud

ECOMMERCE BACKEND SYSTEM DEVELOPED WITH TYPESCRIPT / NESTJS FRAMEWORK. IMPLEMENTING DOCKER AND CACHE TO ENHANCE PERFORMANCE THROUGH REDIS.

Typescript, Nestjs, TypeORM,  
Postgres, Redis

<https://github.com/rdvid/nest-crud>