

RAFAELLY RODRIGUES

SOFTWARE ENGINEER

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Skills

- Python, MySQL, MongoDB, Express, React, Node.js | Javascript (ES6+), TypeScript, Next.js, Gatsby, HTML, CSS - SASS, Bootstrap, CSS Modules, Styled Components, Material UI, TailwindCSS, MaterializeCSS, PostgreSQL, Firebase, Socket.io
- Agile Methodology (Scrum), Version Control (Git), Testing (Jest, React Testing Library, Cypress, Pytest, Enzyme), REST API, Responsive Design
- English and Portuguese fluency

Experience

08/2021 - 09/2022

Scientific Initiation Student of **software development** for treatment and analysis of astronomical data for the study of stellar and exoplanet variability - NAOS (Núcleo de Astronomia Observacional e Instrumental)

- I **developed and implemented software** for the treatment and analysis of instrumental data using **Python**, **Numpy**, **matplotlib**, **Astropy** using concepts of Stellar Astrophysics and Exoplanetology
- I collaborate with four other developers using **Git** to control our code versions, **Pytest** for testing, and **Scrum** as the primary project management framework

06/2015 - 10/2017

IT Instructor - Informática & Serviços

- I accompanied, guided, and supervised activities in the computer lab, instructing students on IT courses such as Microsoft Office, Linux, Java, Advanced Excel, HTML, and more.

Education

06/2021-12/2024

The Federal University of Mato Grosso do Sul

Bachelor of Technology in **Information Technology**

01/2017-03/2020 (Interrupted)

Educational Institute of Superior Education Raimundo Sá

Bachelor in Computer Science