Pedro Turik Firmino

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Personal website: [Pedro Turik Firmino - Portfolio | A simple markdown showcase of my projects](#)

Objective

- Looking for companies outside of Brazil to expand my knowledge as a Software Developer.

Experience

09/2022 - 7/2023

I worked as an Intern, and later as a Junior Backend developer, at Int6Tech, a company that provided solutions for Internet Service Providers. I mainly worked designing, developing, maintaining and diagnosing a system for automated large client migrations to our platform, using a python microservice for the processing and automation, and a task scheduling system for non-developers to kickstart the migration on a set of users (sometimes more than 100.000) and check real-time data visualization. Also helped maintain our main application written in Ruby (on Rails), and Android app in Kotlin

07/2023 – Present

I currently work as a FullStack developer at Procergs, developing a variety of enterprise systems for the government. I am responsible for a range of duties including requirements assessment, client relations, maintenance of end-user systems, and management of internal libraries for cross-functional use. I have also led a team of eight individuals. My work primarily involves developing enterprise-level software.

07/2024 – Present

I am also currently helping maintain [cargo-semver-checks](#), a semantic versioning analysis tool written in Rust, planned to soon be integrated into the main rust toolchain

Skills & Abilities

Fullstack

- Python: automations and microservices, and its cloud integrations

- Java: enterprise grade backend systems, legacy JSF frontend, and in-house framework development

- Network: network protocols and network integrations.

- Javascript/Typescript: SSR, SPA and PWA frameworks (especially Angular and Svelte). Components library development and documentation

- Rust: open-source library development and collaboration, back-end development, type-driven design, multiple hobby projects

- Restful architecture and API integrations

- MVC

- CSS, HTML, SASS, Bootstrap.

Databases

- Relational and document databases. Data layout, UML, query optimization.

- Data Analysis

DevOps

- Docker: local development environment, and cloud deployment.

- Cloud: cloud products, such as AWS EC2 and Firebase.

- Server: server configuration and maintenance of linux environments

Project Development

- Delegate tasks and conduct code reviews

- Provide mentorship and training

- Design and architect system solutions

- Agile, Scrum, Kanban

- Testing (unit testing, integration testing, automated use case testing)

Languages

- Portuguese as a first language

- Fluent English

Education

Undergraduate

- Former medical student at UFRGS

- Currently pursuing my Bachelor's degree in Computer Science at PUCRS

- Co-managed the Algorithm's Club at my university, where I developed a platform for students to engage in competitions, provided the challenges, and offered solutions and tips.

High School

- Won honorable mention twice at OBMEP (Brazilian Math Olympics)

- 9.4 GPA (out of 10)