

Vitor Roberto Batista Schirmer | Software Developer

Description

Developer with experience in end-to-end application development, capable of managing all stages of the software lifecycle, from conception to implementation.

Contact

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Experience

Farmpro - Fullstack Developer

Nov. 2022 - Present

- Developed a web application for managing agricultural prescription maps, using Next.js, TypeScript, Tailwind CSS, and FastAPI, with PostgreSQL and deployment on Debian/Nginx. The system enabled farmers to remotely manage resources such as farms, plots, clients, and products.
- Contributed to backend development with ExpressJS, collecting weather and soil data sent by stations and storing it in MongoDB, as well as configuring Nginx and PM2 to ensure server architecture. This application generated environmental and agricultural reports for analysis and decision-making (e.g., best cultivation periods).
- Built internal applications, including AI-powered lead reports (ReactJS, FastAPI, OpenAI, MongoDB), automatic spreadsheet integration via Python and Google Sheets, a mobile app in React Native and Expo for installation logging, and a complete intranet system in React/TypeScript/FastAPI. These tools improved internal management and automated administrative processes, increasing efficiency and control of activities.
- Configured Sentry to monitor the company's applications, collecting error logs and analyzing requests. This tool helped identify failures and performance bottlenecks, contributing to optimization and increased system reliability.
- Used Google Cloud services, including Google Cloud Storage/Firebase for file storage, Google Maps API, Google Spreadsheets API, Compute Engine (VMs), among others.

Workana - Fullstack Developer

Apr. 2022 - Jan. 2023

- Maintained a Laravel website hosted on Hostinger with over 500k monthly requests.
- Developed a web editor for the city hall using the Summernote library with jQuery.
- Built a Telegram bot with Python for managing airline miles.
- Improved a management website (KPIs and OKRs) built with Flask.

Skills

Python, Flask, FastAPI, ExpressJS, Laravel, Pandas, Numpy, Linux, NGINX, Docker, Digital Ocean, GCP (Google Cloud Platform), Heroku, Hostinger, Git & Github. HTML5, CSS3, JavaScript, jQuery, TypeScript, ReactJS, NextJS, Tailwind, PHP, MySQL/MariaDB, PostgreSQL, Bootstrap, React Native, Expo, GraphQL, Sentry.

Education

System Analysis and Development - Tuiuti University (Mar. 2022 - Jul. 2025)

Fullstack Development - Devstars (Feb. 2022 - Feb. 2023)

Frontend Development - Social Action Foundation (Jul. 2021 - Oct. 2021)