Fabricio Tramontano Pirini

SOFTWARE ENGINEER · FULLSTACK WEB DEVELOPER

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Summary

Computer Engineer specializing in fullstack development, especially React/Redux for Frontend, Express/Node.js for Backend and Python for automation and scripting. I love Linux, problem solving and enjoys to read books and blogs about personal development and financial independence. Interested in devising a better problem-solving method for challenging tasks, and learning new bleeding edge technologies and tools.

Skills

Programming Languages   Javascript, Python, Bash, SQL, Clojure

Technologies   React, Redux, Node, Express, BeautifulSoup, Selenium, Docker, Git, GitLab CI/CD, Jenkins, Jira, Confluence

Languages   Fluent in Portuguese and English, Basics in Spanish

Experience

Sportradar   *Oslo, Norway*

SOFTWARE DEVELOPER   *Sep. 2018 - Present*

- Implemented user interface employing React and Redux, Node.js and Express.js
- Improved web crawler to take 120x less time and 10x less resources to perform data acquisition and data processing using Python, Selenium and BeautifulSoup
- Volunteered to migrate and improve CI/CD from Jenkins to Gitlab, creating its dev and release pipelines and applying containerization techniques with Docker
- Integrated project services to a NoSQL database (MongoDB)
- Helped to organize some company social events

Samsung Instituto de Desenvolvimento para a Informatica - SIDI   *Campinas, Sao Paulo, Brazil*

PROJECT MANAGER OFFICE INTERN   *Jan. 2017 - Jan. 2018*

- Created reports for TVP/KPIs metrics from local projects and reported projects to section director and internal documents as PMO assistant
- Presented at conferences related to Accessibility (Around Us, SPIN Campinas) and IoT (SBIAgro, internal presentations)
- Assisted on IoT projects with Samsung Artik boards and Samsung Cloud and integrated them using NODE-Red and MQTT to exchange, store and display relevant metrics with collected data
- Designed and implemented from scratch the Web Accessibility portal achieving Level AA of WCAG 2.0 conformance and developed tools to aid future researches
- Replaced Excel Spreadsheets reports with a new and automated report system using SQL Server Reporting Services

Education

Universidade Federal de Itajuba - UNIFEI   *Minas Gerais, Brazil*

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING   *Mar. 2011 - Jul. 2018*

- Implemented an improved online Timetable tool for students' efficient course planning
- Participated in study groups for code marathon/hackathon events
- Coordinated my group twice in the worldwide known *Startup Weekend* event, ranked 2nd place in the 1st edition

University of Toronto   *Toronto, Canada*

VISITING INTERNATIONAL STUDENT MAJORING IN ELECTRICAL AND COMPUTER ENGINEERING   *Jul. 2013 - Dec. 2014*

- Qualified for a non-degree exchange program with fully funded scholarship provided by the Brazilian government as part of its Scientific Mobility Program
- Simulated and implemented Branch Prediction Theory concepts as summer research assistant

Projects

Planning tool using Azure, Flask (Python), and PostgreSQL

- Developed tool to help university students to build their timetables
- Scraped, parsed, cleaned and processed data to display the student's weekly planning in real time to different users accessing the same web interface