

Fabricio Tramontano Pirini

SOFTWARE ENGINEER · FULLSTACK WEB DEVELOPER

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Skills

Programming Javascript, Python, Bash, NoSQL and SQL, Clojure, HTML, CSS

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

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 and REST API using Node.js and Express.js
- Improved web crawler to take 120x less time and 10x fewer 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)
- Responsible to help team on implementing Agile methodologies, Scrum and Kanban
- 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 (SBI Agro, 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

- Counsellor at Computer Engineering Student Union
- Participated in study groups for code marathon/hackathon events
- Coordinated my team twice in the worldwide known *Startup Weekend* event, ranked 2nd place in the 1st edition
- Participated as a volunteer in the UNIFEI research group *Computation Applied to Engineering*

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 a fully-funded scholarship provided by the Brazilian government as part of its Scientific Mobility Program
- Simulated and implemented Branch Prediction Theory concepts as a 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

API service using Clojure, Midje and Swagger

- Designed an API service in order to interact with a simulation system using the Test-Driven Development (TDD) approach to help a better and healthier coding of the application and its quality
- Implemented taking advantage of functional programming and immutability provided by Clojure
- Documented using Swagger to provide an interactive documentation and examples