Emiliano Dovichi

Freelance Full-stack developer - Electronic Engineer

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About me

I'm a freelance full-stack developer solution-oriented and passionate about programming, so I constantly enjoy to learn new technologies to improve my work, and have experience building web tools and automation systems to streamline workflows.

Professional experience

2021 - present
as freelance developer, I have used various technologies that have allowed me enhance my capabilities through my different professional environements
technologies:
ReactJs

- I have worked as developer on a freelance team for an ecomerce designing and developing a responsive web page (no longer available)
- Developed a responsive front-end for an ecomerce on ReactJS this was the final project of my ReactJS course.

Python

- Developed desktop applications to manipulate and automate documentation tasks.
- Created a flask server to save user signatures for documentation
- Created desktop tools to communicate with different devices via the UART protocol for configuration purposes
- Built desktop tools to execute user-defined programs on a battery discharging machine

JavaScript

- Developed a chrome extension that streamlined document signing and improved file organization workflows.

Full-stack

- Designed and developed a Full-stack IoT control platform, including user/device registration and MQTT messaging capabilities. — developed independently as part of a self-initiated project using ReactJS (Frontend), NodeJS (Backend) and MongoDB (database management).

Education

Electronics Engineer with orientation to digital systems (Finished)
2007 - 2019
Universidad Nacional de San Luis
- Logical thinking.
- problems solving.
- Embebed systems (C, C++)
- Comunication protocols (UART, I2C, SPI, CAN, Ethernet, WiFi)
- Hardware design (Altium designer, KiCad)

ReactJS developer, Coderhouse
02/2023 - 04/2023
- JavaScript, HTML, CSS
- ReactJS
- Routing & navigation
- Events, Hooks, Context
- React-native, git, github

Backend developer (Unfinished)
08/2023 - 03/2024
- File management
- NPM package management
- Express, Router
- Template engines (Handlebars)
- Websockets, MongoDB
- Cookies, sessions, storage, authorisation, authentication, JWT
- git, github

Languajes
- Spanis: Native
- English: Intermediate

Other jobs

Cientifica San Luis S.A
2023 - present
This is my actual job. I'm responsible for preventive and corrective maintenance of clinical laboratory equipament. Duties include the use of measurement instruments, interdisciplinary collaboration with biochemists and medical professional. Regular communication en english with international suppliers.

Coradir S.A
2021 - 2023
Worked in the Research and Development area, contributing to hardware and software development. My resposabilities included low-level programming (C, C++) also desktop tools for final users, operation of measurement instruments (multimeter, osciloscope, lab power supply, electronic loads, etc.) I realize 3D part design using parametric CAD software (Solidworks, Fusion360).

Laboratorios Biofarma S.A
2020 - 2021
In this Job, my main task was to perform preventive and corrective maintenance on clinical laboratory equipament. I used diverse measurements instruments and worked as part of a multidisciplinary team