

Leonardo Silva de Oliveira

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Profile

Fullstack developer with over five years of experience building and maintaining web applications using Vue.js, Angular, and React frameworks. I also worked with mobile development using Ionic and Flutter. In addition, I have experience with Python development, Data Science, and Machine Learning, working with various databases, paradigms, architectures, and DevOps/Infrastructure tools. I managed scrum tasks and mentored new team members while architecting projects of new features and new product projects as a tagging and managing system of pdfs documents.

Skills

Frameworks: React, Next.js, VueJS, Nuxt.js, NodeJS, FastAPI and Flask.

Programming Languages: TypeScript, JavaScript, Python and C.

Databases: Postgres, MySQL, MongoDB and Firebase.

Paradigms: OOP, Functional Programming and SCRUM/Agile.

DevOps/Infrastructure: Docker, AWS as Amazon Dynamo DB, Amazon EC2, AWS Lambda, Amazon EC2 Auto Scalling, Amazon S3 and Google Cloud Services as Cloud Storage, Compute Engine, Cloud Run, Cloud Function.

Architectures: MVC, RESTful APIs and Event-Driven Architecture.

Libraries: RxJS, Vuetify, Vue Bootstrap, Lodash and Mongoose.

Experience

WEDUU – 3 YEARS

SENIOR FULLSTACK DEVELOPER - MAR/2022 – PRESENT

- Development with Vue.js (version 2 and 3), Flask, FastApi, Postgres, MongoDB, Nuxt.js.
- Responsible for managing scrum tasks with Trello, Azure Devops and Jira, the frontend development of 3 different products and architecting a new project.
- Experience with Google Cloud Platform, with the services Cloud Storage, Compute Engine, Cloud Run, Cloud Function.
- Helping and training new members of the team.

MID FULLSTACK DEVELOPER - OCT/2020 - MAR/2022

- Design with assistance of the PO and development of multiple web pages with Vue.js and Vue-Bootstrap, , consuming APIs and creating complex functionalities in the frontend, based on the clients demand. Used libraries as RxJS, Lodash.
- Responsible for creating simple endpoints in the backend with Flask.
- Helping and training new members of the team.

PROJECTS

- “Ped+”: Digital web platform of reading and extracting invoice orders of retailers and industries built with Vue.js, Flask with Microservice infrastructure using Docker and Google Cloud computing machines. More than 30 companies use the platform worldwide.
- Extractor: New project for mapping and extracting data from PDF files, with dynamic selection boxes and tables in the frontend, built with Vue.js, Vuetify, FastAPI, MongoDB, Docker, extraction library Camelot, OCR and ML algorithms.

2RS – 8 MONTHS

FRONTEND DEVELOPER – DEC/2019 – AUG/2020

- Responsible for the interaction with clients for requirements gathering and technical analysis.
- Development of web applications using Angular 7+, RxJS, Firebase, and consuming Rest APIs.
- Responsible for updating the documentation of old projects in the company.

PROJECTS

- Unimed (Horizontal Health Insurance Company): Web Application for showing medical information of the hospitals, using Angular 7+ and consuming the APIs made available by the tech team at Unimed Bauru.
- GestApp: Developing a mobile application for the management of the medical records of several pregnant patients, using Angular 7+, Cordova and Firebase.

LTIA – COMPUTER SCIENCE JUNIOR COMPANY – 2 YEARS AND 3 MONTHS

FRONTEND AND MOBILE DEVELOPER – SEP/2017 – DEC/2019

- Responsible for welcoming and teaching new students the bases of web development, using HTML, CSS, JS, jQuery, Ionic 3+, Angular, NodeJS, Firebase and MongoDB.
- Responsible for talking to new clients for the projects of the laboratory and gathering requirements and for developing the projects.
- Responsible for coordinating multiple events in the laboratory as Hackathons, Lectures and the welcoming of new students.

PROJECTS

- “Zoo App”: A Mobile App for showing all the animals present in the Zoo of Bauru, SP, Brazil, was built with Ionic 3, Angular and Firebase.
- “App Hanseníase”: A Mobile App for the use of health professionals to assist in the diagnosis of Hansen's disease, was built with Ionic 3.

- CIPA App: A Mobile App develop for assisting the internal commission of accident prevention (CIPA) was built using Ionic 3, Angular 7+ and Firebase.
- Site UP: A simple static website for a financial consulting company built with Angular 7.
- “Árvores do cerrado”: A Mobile App for reading QR Code and showing information about the flora in the UNESP (*Campus* Bauru, SP, Brazil), built with Ionic 3, Angular 7, Cordova and Firebase.
- “Gew – Genebra Emotion Wheel”: A web application with some complex forms for gathering the emotional information of some volunteers when specific products are shown to them, built with HTML, CSS, jQuery.

Education and other contributions

Bachelor’s Degree in Computer Science | São Paulo State University (UNESP).

Undergraduate research – “Software Ágil para gerência de distribuição de veículos de manutenção” | São Paulo State University (UNESP) – 2021, **Advisor:** Márcia A. Zanolli Meira e Silva.

- Development of a web application for calculating the best route for vehicles using information such as locations and addresses with Angular 7+, NestJS, MongoDB, Google Maps API.
- Implementing a Genetic Algorithm and testing the Algorithms of crossover and mutations, Flask as a microservice, Jupyter Notebook, Scikit Learn.

Project “Comunica”: The construction of an electronic vocalizer:

- Development of an electronic circuit and software for people with vocal and mental disabilities, where they could press a button to vocalize a desired action through the device.
- Presentation of a scientific poster.
- Publication of a book chapter.

Languages

English | Fluent.

Portuguese | Native proficiency.

French | Basic.

FCE Certificate | Grade C B2 Level (2017)