Leonardo Alvarenga

Belo Horizonte - MG, Brazil
(+55) 34 99813-4367

leoalvarenga.dev
github.com/leo-alvarenga
leonardo.a.alvarenga@gmail.com
linkedin.com/in/leonardo-a-alvarenga

Work Experience

Software Engineer

Vetta - Belo Horizonte, Brazil
March, 2023 - Present

- Active role in the Viridis NG development team, a suite of web applications focused on the management, optimization, and forecasting of energy consumption and other raw materials, as well as the emission of gases released during steel production in steel plants
- Implementation of new front-end features, **API integrations**, **bug fixes**, and front-end performance optimizations, using a stack composed of **React**, **TypeScript**, **Styled Components**, **PostgreSQL**, and other internal libraries
- Updates and changes to **tables**, **functions**, and **routines** on the database using **SQL**
- Development and implementation of various performance-focused generic components, available in an internal **Design System** based on **Antd**
- Creation of new **endpoints**, **documentation**, and bug fixes in various REST APIs of the project, using **Node.js**, **Express**, and other internal libraries

Freelance Software Engineer

August, 2022 - Present

- Design, development, and deployment of front-end web applications using a variety of tech stacks tailored to meet each client's specific needs
- Additional responsibilities include implementing new features in existing applications, **API integration**, **bug fixing**, and front-end performance optimization
- Technologies used include: **Next.js, React, SvelteKit, Svelte, Astro.js, TypeScript, JavaScript, Styled Components, Sass, PostCSS, TailwindCSS, UnoCSS, Ant Design, MUI, Nest.js, Express, Node.js, Django, FastAPI, Python, MySQL, PostgreSQL, Firestore, Firebase Auth**

Software Developer Intern

Vetta - Belo Horizonte, Brazil
September, 2022 - August, 2023

- Active role in the Viridis NG development team
- Implementation of new front-end features, **API integrations** and **bug fixes** using a stack composed of **React**, **TypeScript**, **Styled Components**, **PostgreSQL**, and other internal libraries

Intern DevOps Analyst

Vetta - Belo Horizonte, Brazil

March, 2022 - August, 2022

- Pivotal role in ensuring high availability of internal services hosted using **Kubernetes** and **Docker compose**, as well as in IT governance and access control
- Provisioning of demo and development environments for different products in **Kubernetes** clusters
- Responsible for giving feedback as well as handling DevOps tasks involving international teams when necessary

Scientific Initiation (Undergraduate research)

Federal University of Viçosa - Florestal, Brazil

October, 2021 - September, 2022

- Project management, acting as **Scrum Master**, **Product Owner**, **DevOps Analyst** and **DataBase Admin** in an MVP of a web app aimed at providing a virtual laboratory and learning environment developed by the NuPESSC research group

Special Needs Tutor

Federal University of Viçosa - Florestal, Brazil

October 2021 - September 2022

- Support for students with special needs in the Programming course during their undergraduate studies
- Assistance during classes, completion of assignments and projects, and support during exams

Education

Computer Science

Newton Paiva

February, 2023 - Present

Computer Science

Federal University of Viçosa

March, 2020 - December, 2022

Information Systems Analysis

Unopar

July, 2022 - June, 2025

Languages

- **English** - Advanced - TOEFL ITP - C1
- **Portuguese** - Native language

Skills

- **Front-end Technologies:** React.js, ContextAPI, Redux.js, Next.js, Svelte, SvelteKit, Astro.js, Styled components, TailwindCSS, UnoCSS, Antd, MUI, Jest, react-testing-library, PostCSS, Sass, HTML, CSS
- **Back-end Technologies:** Django, FastAPI, Python, Gin, Node.js, Express, Nest.js, SQL, Postgresql, MySQL, MariaDB, SQLite, MongoDB, Firestore, Bash, Docker, Docker compose, Git, GitFlow, Trunk-based development
- **Methodologies**: Scrum, Kanban, Agile Development