Lucas Santana

lucas.tvms@gmail.com
82-99396-9559
linkedin.com/in/lucas-tvms
https://lucastvms.github.io/

Summary

* 2 years of full-time employment using mainly Java and JavaScript. I have had two clients, one is a Credit Union and the other is an Electronics Industry.
* Experience developing microservices, APIs, interfaces for integration, Java Server Pages, Jasper Reports, and UI with React.js, Typescript, and Ant Design.
* In less than a year, for frontend and backend, I've learned almost everything that I could in my role within the company, and then I started learning other roles' techniques to help the team.
* I love technology and every day I'm amazed by new challenges and new creative solutions that I and all developers around the world invent and share.

Experience

Software Engineer
MJV Technology & Innovation
Nov 2021 - Present (1 year 1 month +)
* Development of Quarkus microservices based on User Case Evaluations, using Java 8 and Java 11 features to build APIs and integrate them using interfaces.
* Creation of Java Server Pages and Jasper Reports to organize and show information to the user.
* Creating queries to consult, create and update data using a PostgreSQL database.

Frontend React.js Trainee
Centro de Inovação EDGE
Jan 2021 - Present (1 year 11 months +)
* Usage of Docker to create and manage scalable system images and dependencies for development.
* Development of layouts, components, and styles based on Figma designs, using React.js with Typescript, Ant Design, and Sass.
* Creation and maintenance of frontend logic with calls for APIs, form validation, and dynamic layouts.

Web Development Intern
Tribunal de Justiça de Alagoas - TJAL
Jan 2020 - Dec 2021 (2 years)
* Update and improvement on the websites of the Tribunal de Justiça de Alagoas - TJAL.
* Development and maintenance of web applications and frontend features.
* Apply developed code documentation best practices.
* Perform maintenance and creation of new features on existing legacy sites.
* Suggest new tools and techniques for the continuous improvement of systems.

Research Assistant
Universidade Federal de Alagoas
Mar 2021 - Oct 2021 (8 months)

Scholarship Researcher, in a project with the objective of enabling the creation of experiments for researchers who do not have expertise in the area of statistics. So, my role in the research was to create a web system (frontend) in React.js that would collect the profile data of the researcher and about the experiment; so that they are sent as JSON to an API that organize what is more relevant, generate graphs and insights about them in a way that could be formatted by the researcher.

Web Development Intern

Neppo Tecnologia da Informação

Nov 2020 - Jun 2021 (8 months)

* Controlling my activities proactively, responsibly and independently through the company's Jira.
* Development of layouts, components, and styles based on the designs uploaded at the Jira's cards, using React.js, and Materialize CSS

Information Technology Summer Intern

Brain - Centro de Inovação em Negócios Digitais

Jul 2020 - Oct 2020 (4 months)

During Brain Summer Job 2020, students will be challenged to understand a problem as a possibility of business, then, we should create a solution for it, prototype, and validate the developed proposal – all remotely.

For three months, I've learned and applied business strategies, agile methods, marketing strategies, and customer treatment. At the end of the Summer Job, we created a Business Case in the area of Lean Healthcare with the following: an explanation of the idea and a justification on why it had a real chance of being a success; market research with healthcare personnel, and customers; onboarding of use by customers and hospital employees; creation of our logo; market projection and revenue prospection in 5 years.

Research Assistant

Universidade Federal de Alagoas

May 2020 - Sep 2020 (5 months)

Voluntarily involved in a project with the objective of planning, developing and applying a smartphone app that enables communication between the Health and Municipal Education Department of Rio Largo in Alagoas, guiding the local community in the fight against Covid-19, as well as enabling teachers to, in a way, give continuity to teaching activities with the proposal of themes and activities of the essential curriculum being prepared by the Secretary of Education.

The application is available on Google Play under the name: "Escola em todo lugar" and was developed in Dart using the Flutter framework. Very proud to have participated in all stages, from its development to the use of the app, knowing that this project is really having a positive impact on people's lives.

Research Assistant

Universidade Federal de Alagoas

Feb 2020 - Aug 2020 (7 months)

The objective of the research was to design and analyze a Multi-Agent system for the integration of Educational ecosystems based on IoT (Internet of Things) and IoE (Internet of Everything).

In this research project, it was possible to structure an IoE ecosystem framework focused on the educational scope. It was also clear that the IoT is not a modernization imagined recently, however, improvements in several areas of computing and electronics were able to provide the necessary

resources for the wide use, studies, and implementation of this type of technology. The main conclusion shows that the ideation and all stages until the completion of IoT solutions are fundamental to revolutionizing people's lives and raising the levels of society itself.

Research Assistant
Universidade Federal de Alagoas
Aug 2018 - Aug 2019 (1 year 1 month)
Collaborator in a research where my role was: to create and adapt a system made with WordPress, LearnDash LMS and GrassBlade LRS for the teaching of analytical-behavioral principles applied to case studies.

IT Support Technician
Universidade Federal de Alagoas
Apr 2016 - Jul 2018 (2 years 4 months)
Scholarship from the Information Technology Center at the Federal University of Alagoas. The main activities were related to Technical Support for desktops, notebooks, printers, servers and for the user, and Network Maintenance: switches, hubs and routers.

Software Engineer Intern
Sesi Alagoas
Jun 2014 - Dec 2014 (7 months)
* Creation and maintenance of websites with HTML, CSS and PHP.

Algorithm Teaching Assistant
Instituto Federal de Educação, Ciência e Tecnologia de Alagoas
Aug 2011 - Aug 2012 (1 year 1 month)

Education

Universidade Federal de Alagoas
Bachelor's degree, Computer Science
Feb 2017 - Feb 2023

Instituto Federal de Alagoas - IFAL
Secondary Technical Education in Informatics, Information Technology
Feb 2009 - Feb 2013

Skills

Java • React.js • TypeScript • JavaScript • English • GitHub • PostgreSQL • MySQL • Gitlab • Quarkus