Henrique Serra

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Portifolio

Linked in

PROFILE

I have always had a passion for creating things. The ability to use creativity along with good planning and organization to bring something to life and see its process from start to finish always fascinated me, and as soon as I started programming, I realized that I could continue to do what I love as a profession.

What started as a hobby soon became a lifelong pursuit. I became engaged deeply with the field for over two years, dedicating 10 to 14 hours a day as a software developer, working on both front-end and back-end stacks with great enthusiasm and dedication.

Throughout this journey, I have worked on several freelance projects in both Portuguese (pt-br) and English. At the start of 2024, I joined a team that allowed me to learn various social and technical skills from more experienced individuals, enhancing my adaptability to new people and cultures, as well as improving my efficiency in handling technical work challenges through extensive research methods.

Through all of this, I discovered my enthusiasm for solving problems in innovative and creative ways, as well as my love for learning about new cultures and new methods of innovation in programming

SKILLS

During these years, I worked with many different programming language and technologies including Node.js, MongoDB, Postgres/MySQL, .NET, React, Next, DatoCMS, Socket.IO, React Native, and many others javascript frameworks for either front or back-end.

Cooperated with a team of developers, that made possible a big leap on my learning process, allowing me to think outside the box and thinking different ways to resolve a problem.
A few of my many passions in programming are currently Web Development, Mobile
Development and Machine Learning

Skills/Interests:
Javascript | Typescript | Github | React | React Native | Next Js | Expo | Postman | DatoCMS | ServelessCMS | Socket.io | Docker | Express.js | Java | .NET | C# | Support Service | MVC | Team Work | GraphQL | MySQL | Rest API | Angular | Vue | Laravel | Git | UI/UX Design | Responsive Design

I speak English (Cambridge Exam C1), Portuguese (Native), I am learning currently, French on Quebec Francisation.

PROFESSIONAL EXPERIENCE
REFERENCES AVAILABLE UPON REQUEST

Because the space I can write here is limited, I will add my latest projects. For more information, check my Portfolio(Link on my LinkedIn Profile).

If the project has a url available, a qr code will be showing under the project title.

Some projects needs sign up and login, both are available upon request.

Currently updating all apps to have at least 3 languages to choose from. But for now, if requested, I can translate, do a full explanation or either a full translation of the app / code.

On the right of each project title, will be showing the language it supports.

Mobile App Pro Mais (PT-BR)

May/2024 – August/2024 – (**Remote**)

This is my currently project and was request for me to take care of, a remake of the mobile app Clube Pro+ by Total Energies, a global integrated energy company. The app is a full stack cashback app for products of Total Energies.

- Using Expo and React Native as frameworks for frontend and axios for integrations.
- MySql, Express and Next.js for backend.
- Most of the time is a full stack job, requiring strong analytical, organizing and creative skills to understand, replicate and improve the old app

Le Garden Pousada Boutique (PT-BR)

January/2024 – February/2024 – (**Remote**)

Official website of a famous inn in the southeast region of Brazil. A platform was created to be able to change anything on the website with just one click without the help of the developer with reservation feedback for the inn via email.

- Using React, Next JS and Dato CMS for friendly no-code changes on the app
- Express and Next.js for backend, with full customized integration of calendar, stock, inventory and booking of the inn.
- Needs to fully understand the documentation of Next.js to fully integrate with DatoCMS, and the custom made booking api so it allows the costumer to make changes without coding or invervention of the developer

Digicoins (PT-BR / EN)

November/2023 – December/2023 – (**Remote**)

A website that is fully integrated with crypto currencies API's, Metamask for creation, management and purchase of crypto coins such as Etherium, BitCoin and so on. And to show up to date and real time information of each of these coins, is used CoinGecko.

- Using NextJS as the primary framework to integrate with the rest of the app.
- Full integration with the browser extension and mobile app of Metamask.
- Real time information, containing graphs, charts and market variations.

VOLUNTEER WORK	**Concordia University Internship** August/2024 – Currently Dr. Professor Yann-Gael from Concordia University, is responsible for the PTIDEJ software, and many others. The PTIDEJ software is the project that I will be working with him, and it's a tool for many programming languages that can read the full code of a file, analyze each class, component and model of the its code. It contains many parsers and compilers that can read, optimize and show every object, class, model of any function written in JAVA, C++, C#, Python and one of my current projects are to enable for JavaScript. Professor Yann-Gael and this project is introducing me so many new programming languages, and many new people and cultures that I'm very excited to be part of this team during all this year, and many more if is possible.
EDUCATION AND QUALIFICATION	Alura Tech Courses – Full Stack Developer (2022 - Currently). CNA Cambridge Exam C1 – English (2014). Computer Science (2023 – Currently) Concordia University Internship – Full Stack Developer (2024 – Currently)