

LUIZ CLARO

Full Stack Flutter Developer

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About Me

I'm a versatile and creative developer. With a distinctive viewpoint to my projects, I design solutions with a user-oriented approach. Using my expertise in cross-platform full-stack development, I aim to play a role in improving user experiences.

My passion and commitment to continuous improvement make me a valuable asset to any team.

Relevant Work Experience



Full Stack Flutter Developer - God's Cleaning Crew

MAY 2023 – PRESENT

Tools: FlutterFlow, Flutter, Firebase/GCP, Node.js, Algolia, Stripe, GitHub, Jira, Jekyll

- Single-handedly developing and releasing three Flutter cross-platform MVPs (iOS, Android and web), using **Flutter** and the **FlutterFlow** low-code platform. The apps integrate with **Firestore** and **Google Cloud Functions** written in **Node.js** to handle client relations and job operations, while speeding up quote generation and service payment process.
 - The *Admin* app is a general **business logistics manager** that allows creation of new jobs, clients and workers in the company's database. Other features include **Algolia search** and quote generation with a fully implemented **Stripe payment system** for cards and direct bank debit;
 - The *Clients* app takes job requests directly, providing quotes and accepting payments via **Stripe API**;
 - The *Workers* app is an onboarding and management tool for service providers to receive new jobs and to get paid for their services, all via **Stripe Connect API**. They're also able to communicate via chat / **Zego Cloud video call** with clients;
- Maintaining the company's static website (created in **Jekyll**) via **SSH** and **Git**.
- Wrote a **ChatGPT Blog Post automator** script in **Python** which allows the company to create a full Jekyll blog post with text, image and HTML code / YAML front matter in **less than 2 minutes**, resulting in a **90% reduction in manual workload**.



iOS Developer - TorontoJobs.ca | [App Store](#)

JAN 2022 – MAY 2022

Tools: Swift, SwiftUI, Adobe XD, CoreData, REST API integration, Jira, Azure Repos (Git)

- Conducted the development team on the **iOS** version of "Guhuza", a service that offers the ability for Employers & Job Seekers to complete the entire seeking / interviewing process on their platform.
- Created the wireframe for the UI on **Adobe XD** according to employer specifications and feedback.
- Implemented **Twilio** video chat function for the app.
- Wrote about 50% of the codebase by myself for the app's MVP.



Machine Learning Research Assistant/Team Supervisor - Humber College/Mitsubishi

MAY 2021 – SEP 2022

Tools: Python, Pandas, SciKit Learn, GitHub

- Developed a function to train a Machine Learning model in **Python** to predict aircraft maintenance codes based on text analysis, which **improved prediction accuracy up to 91%**. This function also proved to be a **time-saver tool**, reducing errors and streamlining the model training steps.
- Led weekly team meetings between the Humber team and the Mitsubishi team, reporting advances and keeping track of information distribution.
- Trained a new wave of Research Assistants into the project.

Main Projects



Rental Service MERN Stack Web App | Github: [Server & Client](#) | [Live App](#) 2022

- An e-Commerce Web App focused on users renting and providing rent for daily use objects like electronics and tools. Using **React.js**, **Node.js**, **Express.js** and **MongoDB**.



Board Game Collection iOS SwiftUI App - "Shelfie" | [Github](#) 2022

- An app for board game collectors to get information on games by taking a photo of the physical boxes. Using **Adobe XD**, **SwiftUI**, **CoreData**, **Firebase**, and **REST API integration**.

Personal Projects

- [Canada Newcomers Android App](#) (2021)
 - Java, Firebase, API integration
- [Board Game eCommerce Web App](#) (2021)
 - C#, ASP.NET Core MVC, MySQL
- [Toronto Foodie Laravel Web App](#) (2020)
 - PHP, Laravel, MySQL

Technical Skills

- JavaScript / TypeScript
- MERN Stack, Laravel, SpringBoot, ASP.NET
- REST API Development
- Python
- Flutter / Dart
- Swift (UIKit / SwiftUI)
- Android Java / Kotlin
- Java / J2EE
- Firebase / MongoDB, Oracle SQL / MySQL
- Git

Core Skills

- Excellent Communication
- Proactiveness
- Eagerness to Constantly Learn
- Teamwork
- Team leading
- Creativity
- Improvisation
- Project Management
- Documentation

Certification

- **[Microsoft Certified: Azure Fundamentals](#)**

Education History



IT Solutions Postgraduate Program

Humber College - with Honours (GPA 3.9 / 4.0)

SEP 2020 – MAY 2022

- Course load focused on Mobile / Web App Development and Database Development, with emphasis on SQL, Java, JavaScript, C#, PHP, HTML, CSS and Swift.



Bachelor in Film

Estacio de Sa University

2004-2008