

# Thales Grilo

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## Developer

Full-Stack Developer  
Creative Technologist

**Thales Grilo (Ghales)**  
Brasilia, Brazil

[homepage](#)  
[github](#)  
[stackoverflow](#)  
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[soundcloud](#)

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I enjoy learning challenging concepts, and finding better ways of doing what I do. Freedom, transparency, equality, technology and art.

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## Skills

**Mobile and Web** / React-Redux, React-Native, GatsbyJS, Next, Netlify, Clojurescript, Reagent

**Back-End and Native** / Ruby on Rails, Clojure, Python, Flask, C++

**Cloud** / AWS Elastic Beanstalk, AWS Lambda, AWS RDS, Docker, Heroku, Serverless

**Live-Coding Music and Art** / Haskell, TidalCycles, Hydra, FoxDot, p5

**Database** / MySQL, Postgres, TransactSQL, Firebase, Redis

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## Experience

**Ribon ([ribon.io](#))** / Full-Stack Developer

September 2018 - February 2020

[play store](#) | [app store](#)

Ribon is a digital donation platform that allows users to donate to Effective Altruism NGOs without spending money, aiming to offer a pleasant experience of helping others.

Worked on the team as it grew from 7 to 20 people, alongside an agile team of six developers. Communicated directly with designers to gather requirements, develop, iterate, architect and implement features on all ends of the stack.

Ribon has raised \$374.4K over 3 investment rounds ([crunchbase](#)), and reached over 47.000 Monthly Active Users.

- ▷ Stack: React-Native, Ruby on Rails, Postgres, Docker, Elastic Beanstalk,
- ▷ RESTful API and Mobile Development
- ▷ Design, architecture and implementation of mobile features
- ▷ Unit Testing using RSpec, Jest, Enzyme and Detox
- ▷ Scrum-based Agile Process with extensive use of Kanban
- ▷ Server Management and Deployment in various infrastructures
- ▷ Data Extraction and Analysis using Pandas

**p5.js ([p5js.org](#))** / Google Summer of Code '20

May - August 2020, Remote

Processing Foundation is behind the world-acclaimed creative coding tools [Processing](#) and [p5.js](#). The p5.js [web editor](#) hosts 2M+ projects

from users across the world.

Devised and executed a mobile interface for the editor, which largely enhanced usability and improved user experience on mobile devices. Brought new features and improved existing functionality.

- ▷ Stack: React.js, Node, MongoDB
- ▷ UX Research and UI development
- ▷ Design, architecture and implementation of mobile features

### **Freelancer / Front-End Developer**

October 2019 - Present, Brasilia

Worked as a solo developer, working closely with designers to implement pages using React, GatsbyJS, Markdown, p5, Firebase and Netlify:

- ▷ **BRING** / Website for the Brasilia Indie Games - a collective which promotes events for the local Indie Game Dev community. Solo work based on briefings and mockups.
- ▷ **Ghales** / My own homepage and portfolio

### **Brazilian Ministry of Transparency (CGU) / Front-End Dev. Intern**

March 2016 - February 2017, Brasilia

Contributed to **IARA**, a BPM system now in internal use at CGU. The core team consisted of three developers, and the system consisted of a C# back-end, a Transact SQL database and a Polymer user interface / client, where I contributed the most.

- ▷ UI design and implementation using Polymer, HTML5 and CSS
- ▷ User interview and feature iteration
- ▷ Process visualization using mermaid.js
- ▷ Front-end feature architecture
- ▷ Complex queries and procedures in TransactSQL

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## **Education**

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### **University of Brasilia / Computer Science (Majors)**

July 2014 - May 2021, Brasilia, Brazil

- ▷ Fluent **English** and **Spanish** and **Portuguese**

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## **Achievements**

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### **Dia de Codar 2/2019 / Sensei at the Clojure PokéAPI Dojo**

December 7th, 2019, Brasilia, Brazil

Led a Clojure Dojo which consisted of developing a REST API which queries an in-memory Pokémon database ([github](#))

### **XIV SENE & II IEEE Week / Live-Coding Workshop**

September 26th, 2019, Brasilia, Brazil

Led a workshop exploring TidalCycles and Hydra in collaboration with researchers of the **Media Lab / UnB**

### **INOVASBAC 2019 Hackathon / Honorable Mention (team Ípe)**

September 6th-8th, 2019, Brasilia, Brazil

### **Startup Weekend Brasilia 2019 / Placed Third**

January 25th, 2019, Brasilia, Brazil

