

## HOME ADDRESS

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# LUCAS MACHADO DE AZEREDO FIGUEIRA

Brazilian, no children, 23 years old

With primary education as IT technician at the Rio de Janeiro Superior Educational Institute, currently studying computer science at Veiga de Almeida University, based on Rio de Janeiro. Resilient, focused, enthusiastic learner, easy-going. Looking for new experiences, in different places, with capable people. Developer and web/interaction designer with 5 years of experience. Nowadays working as a freelancer web and mobile dev. Having experience with Agile methodology and project planning. Adept of the good coding practices – efficient, clean, scalable and reusable codes.

## EDUCATION

### COMPUTER SCIENCE

Veiga de Almeida University  
2014 - 2018

Computer science bachelor degree (in course).

### IT TECHNICIAN

Rio de Janeiro Superior  
Educational Institute  
2010 - 2011

High school degree with IT technician specialization.

### ELECTROTECHNOLOGY TECHNICIAN COURSE

Technician State School  
Ferreira Viana  
2008 - 2009

High school degree with electrotechnology technician specialization (incomplete).

## LANGUAGES

PORTUGUESE  
Native

ENGLISH  
Fluent

GERMAN  
Basic

## PROFESSIONAL SKILLS

Programming and Web Languages: C, C#, Python, Java, HTML5, CSS3, PHP, JavaScript;  
Development platforms for parallel programming and message exchange: OpenMP and MPI, using C/C++;  
Frameworks/libraries: AngularJS, Django, JQuery, LESS CSS, ZEND PHP;  
RESTful web service – Node.js;  
Object Oriented Design Patterns;  
Experience with project presentations and negotiation with clients;

## TOOLS

Experience with the mobile applications development frameworks  
Apache Cordova and Ionic;  
IDEs and Editors - SublimeText 2, Brackets, Atom, VisualStudio, Eclipse, NetBeans, CodeBlocks, Geany, Emacs and Arduino Software;  
DBMS's like mySQL WorkBench and PostgreSQL;  
Github and bitbucket for versioning;  
Task Runners - GRUNT and gulp;  
Package Manager - Bower;  
Experience with the web servers - Apache, Nginx and IIS;  
Unix operational systems - Debian, Ubuntu, CentOS – and Windows;  
Microsoft Office – Excel, Word, PowerPoint, Visio - and LibreOffice tools;

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## EXPERIENCE

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SOFTWARE ENGINEER  
Lab21k  
August, 2016 - Present

21k develops solutions for the new world. We design, develop and deploy systems, websites, apps and Internet of Things products, uniting ideas with the latest technologies.

Currently working as a software engineer - Front-end and Back-end - on a huge system used by Rio de Janeiro operations center. Using technologies such as AngularJS, Node.js, Sass, grunt, Postgree and more.

**Hotwords: Front-end, Back-end, webdev, Node.js, AngularJS, Sass, postgre, ngnix, grunt**

WEB AND MOBILE DEV.  
Sucorpi – eupossoisso.com  
March, 2015 - July, 2016

Start-up that aims at improving the diet and lifestyle of people with dietary restrictions, posting recipes, hints and articles. Responsible for the digital marketing administration campaign for the Digital Congress of Nutrition and Food Allergies – Eu Posso Isso (june 2015), a webinar with 33 speakers from all over the country, like experts from the restrictive feeding area, doctors, food engineers, nutritionists and even influential people such as an actress telling her experiences about raising a celiac son, and also a triathlete that suffers from the same problem. The webinar was broadcasted by the onlinemeetingnow tool, reaching approximately 24,000 subscribers.

Working with web development – front-end and back-end –, developing the requirements engineering of a mobile application, also monitoring and creating e-marketing campaigns. Experience with tools like GetResponse, Aweber, Google Analytics and Facebook Graphs.

As a web developer, the work consists on the development of WordPress templates, plugins, pages and theme customization. - using PHP/JavaScript/HTML/CSS -. In resume, responsible for all customization and administration of the website – <http://eupossoisso.com> –, including the SEO and the Infrastructure operations using Amazon Web Services.

Working from home, using Trello for tasks organization and BitBucket for versioning.

**Hotwords: : Web Design, Front-end, Back-end, Requiriments Engineering, Startup, Wordpress, E-marketing, SEO, AWS, Home Office, Scrum, Source-Tree.**

COFOUNDER AND DEV.  
Desenvolve! - Web Dev. Startup  
January 2013 - February 2015

Start-up based on internet platform development, focused on user experience and application performance. At nearly 2014, during 8 months, (March – October) in partnership with the agency Be! Interactive, operating in the market for over 20 years along with 10 - people crew, - including developers, designers and project managers – web sites were developed for international sporting events, for the event Universia Rio 2014, and a few CMS plugins – such as Wordpress and Drupal – for partners companies of Be! Interactive.

Acting specially as web developer – front-end and back-end -, using Agile methodology and Scrum frameworks. Responsible for the configuration of the droplets used by the startup, including DigitalOcean and AWS. Also a former collaborator on Be! Interactive development team of Internet of Things, using Raspberrypie, Makey Makey and Arduino.

**Hotwords: Former project, App Development, Web Design, Back-end, Front-end, Project manager, SourceTree, AWS, DigitalOcean, internet of things, Startup, Agile.**

JAVA/VB DEVELOPER  
Department of Transportation  
of Rio de Janeiro – SETRANS  
July, 2012 - June, 2013

Department of Transportation of Rio de Janeiro, responsible for logistics and public state transport management .

Acting as developer, creating softwares for the company's internal management – using Java - and maintenance/optimization of systems already implemented in the company, mostly written on Visual Basic.

**Hotwords: Public Company, JavaDev, VB, Optimization, Software Support.**

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## CURRENT PROJECTS

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ANDROID/IOS APPLICATION FOR THE NEW START-UP, BASED IN MANCHESTER, ENGLAND.  
Prototype under development, including the App requirements engineering.

An app for a recently founded english start-up. The software is being developed using the Apache Cordova/Ionic, an cross platform mobile development framework. Respecting the intellectual property of the company, the explicit content of the application can't be revealed until the prototype launch date. What can be said is that it is a health software of collaborative nature. Therefore, it depends on a large data processing, so will be used an NoSQL database, MongoDB and a DigitalOcean server for testing.

**Hotwords: English Start-up, International, Ionic, Cordova, Cross-platform, NoSQL, Big Data, Node.js, AngularJS, DigitalOcean.**

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## REFERENCES

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Name: Aguinaldo Boquimpani  
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Name: Marcos Barbato  
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