

# João Henrique Machado Silva

33 years – Nationality Brazilian  
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## PROFESSIONAL OBJECTIVES

**Agile methodologies (Scrum)**, Development of new products, mobile development and backend development, innovation and more importantly making a difference.

## QUALIFICATIONS SUMMARY

Self-taught developer with about 16 years of experience with software development, I acquired a vast experience in many programming languages, frameworks and all the phases in a software development cycle. I also have a bachelors degree in Business administration with a minor in International Commerce and have post-graduate degree in Business Management.

I like to think that I am a natural entrepreneur, very pro-active, communicative and loves to work on developing new products and challenges.

### Specialties:

- Software development and deployment, Agile Methodologies.
- About 6 years of mobile software development, mostly for iOS (Objective-C and Swift) but also a little Android and hybrid development.
- Go
- Node.JS
- Worked with Ruby for about 3 years and some Python.
- Picking up some Elixir
- Learning more about DevOps, specially because of my experience with Go.

## PROFESSIONAL EXPERIENCE

03/2015 - Now Avenue Code ([www.avenuecode.com](http://www.avenuecode.com)) Senior Mobile Engineer, working at GAP Tech on the Mobile-EMV project which is the project responsible for converting the POS (Point Of Sale) mobile system to accept all types of payment including and specially Credit Cards with chips on it. After GAP, worked as a consultant developer for the American Eagle main customer iOS mobile App.

- Native iOS Development with Objective-C and Swift
- Some Node.JS development
- Trying to bring the Go lang inside the company
- Proficient in Scrum methodology
- Managing Git repositories

07/2014 - 03/2015 Novartis ([www.novartis.com](http://www.novartis.com)) Senior Mobile Solutions Architect

- Project Managing on going mobile projects
- Tech leader on mobile development
- Designing and Architecting solutions based on the company demands and strategies.

- Design and architect solutions for scale, performance, availability and resilience.

03/2014 - 07/2014 Globosat ([www.globosat.com.br](http://www.globosat.com.br)) Biggest cable TV and entertainment company in Brazil. I work in an area called "New Midias" which is responsible for everything that is not on TV, websites, apps, xbox platform, apple TV and so on. I am working and one of the main developers for a big project for SporTV which is the biggest sport channel in the country. The project is 2 apps for iOS platform and Android platform for the world cup which is going to be used by millions of people in Brazil during the world cup next month.

- Consultant
- Native iOS Development with Objective-C
- User experience
- Scrum methodology
- Responsible for App: "SporTV Ao Vivo", main app for the world cup in Brazil available for iOS and Android mobile and tablet platforms (<https://itunes.apple.com/br/app/sportv-ao-vivo-na-copa-do/id879180471?l=en&mt=8>).

01/2013 - now Nurt ([www.nurt.com.br](http://www.nurt.com.br)) Company focused on developing solutions for mobile devices integrated with web solutions. I worked as a Tech and Project Lead and software developer with the following languages and platforms:

- Native iOS Development with Objective-C and Swift
- Native Android development with Java at a junior level
- Web and backend development with Ruby on Rails and Python
- Mobile Titanium Appcelerator Platform with Javascript and Node.js
- Some Node.js development

12/2011 - 10/2012 Avenue Code ([www.avenuecode.com](http://www.avenuecode.com)) Company focused on the agile consulting and software development using agile methods with offices in Brazil and United States. I worked as an Mobile and Web Software Engineer, working with Ruby on Rails, iOS and Android Platform and Appcelerator Platform. Originally working from Brazil and in the head offices in San Francisco CA USA for five months.

- iOS and Android development
- Ruby on Rails development
- Mobile development with Titanium Appcelerator Platform with Javascript and Node.JS

06/2011 - 12/2011 - Uppna ([www.uppna.com.br](http://www.uppna.com.br)) Brazilian startup that works on the web and mobile software development industry. I worked as a team leader on the first release of their main product that is a iOS application with a backend in Ruby on Rails. On this company I worked 100% on a home-office model and with a agile methodology with daily meetings, week sprints and so on.

- iOS native development (Objective-C)
- Ruby on Rails development

Product developed: Mallguide.ME for iOS  
(<http://itunes.apple.com/us/app/mallguide.me/id474215586?mt=8>)

02/2009 – 11/2011 Nurt Technology([www.nurt.com.br](http://www.nurt.com.br)) Company focused on developing solutions for mobile devices integrated with web solutions. I worked as a Tech and Project Lead and software developer with the following languages and platforms:

- Project Management
- iOS native development with Objective-C
- Web and backend development with Ruby on Rails and Python

- Android Development with Java at a junior level

Working mostly with two kinds of applications: Mapping and Publishing.

Some apps published with Nurt:

- Minas Trend Preview (iPad) (<http://itunes.apple.com/us/app/minas-trend-preview/id474015473?mt=8>)
- Industria Sustentável (iPad and Android)
  - iPad: <http://itunes.apple.com/us/app/revista-industria-sustentavel/id507059809?mt=8>
  - Android: [https://play.google.com/store/apps/details?id=br.com.nurt.industriasustentavel&feature=more\\_from\\_developer#?t=W251bGwsMSwyLDEwMiwiYnluY29tLm51cnQuaW5kdXN0cmllhc3VzdGVudGF2ZWwiXQ..](https://play.google.com/store/apps/details?id=br.com.nurt.industriasustentavel&feature=more_from_developer#?t=W251bGwsMSwyLDEwMiwiYnluY29tLm51cnQuaW5kdXN0cmllhc3VzdGVudGF2ZWwiXQ..)
- Minas em Foco (iPad and Android)
  - iPad: <http://itunes.apple.com/us/app/minas-em-foco/id489251805?mt=8>
  - Android: [https://play.google.com/store/apps/details?id=br.com.nurt.minasemfoco&feature=search\\_result#?t=W251bGwsMSwyLDEslmJyLmNvbS5udXJ0Lm1pbmFzZW1mb2NvllO..](https://play.google.com/store/apps/details?id=br.com.nurt.minasemfoco&feature=search_result#?t=W251bGwsMSwyLDEslmJyLmNvbS5udXJ0Lm1pbmFzZW1mb2NvllO..)
- Finance - Finance App (iPhone) (<http://itunes.apple.com/us/app/finance/id399206555?mt=8>)
- SmartVoto - Platform for Political Candidates (iPhone and Android) (not published yet)

01/2010 – 12/2010 Aorta Entreterimento ([www.aorta.com.br](http://www.aorta.com.br)) Senior Mobile Software developer for the iOS platform and Android Platform with integration with several diferent types of other platforms and webservices and protocols like, RESTful, SOAP and others.

- iOS and Android native development
- Ruby on Rails development

Some apps developed while in Aorta:

- Globo News (<http://itunes.apple.com/us/app/globo-news/id379495814?mt=8>)
- SporTV (not on the app store anymore)
- Estado de Minas for iPad (<http://itunes.apple.com/us/app/estado-de-minas/id403343189?mt=8>)
- Correio Brasiliense for iPad (<http://itunes.apple.com/us/app/correio-brasiliense/id404234098?mt=8>)
- Radio Skol (<http://itunes.apple.com/us/app/radio-skol/id350392706?mt=8>)
- Radio Oi (<http://itunes.apple.com/us/app/oi-fm/id304224206?mt=8>)

09/2006 – 12/2008 *INOVACODE RFID Solutions* ([www.inovacode.com.br](http://www.inovacode.com.br)) – *Business Executive (Co-Founder); relationship with clients, business partnerships, project development and firmware integration with the RFID Technology.*

01/2003 – 12/2008 *B8 Tecnologia* ([www.b8.com.br](http://www.b8.com.br)) – CEO (Co-Founder); Relationship with clients, developing business partnerships, managing the company financialy, software analisys and development on windows and web platforms.

Some languages and platforms used:

- Visual Studio Development
- ASP3

- PHP4 development
- Java Development

02/2002 – 12/2002 *Instituto Centro Cape* – System Analyst; Managing the department of new technological projects, software development and analysis most of the time for a micro-finance project for the Banco do Brasil Foundation.

1998 - 2000 - Freelance – Computer maintenance, network set up and configuring, small software development mostly with ASP 3 and Visual Basic 5 / 6.

## **ACADEMICS**

2002 – 2006 - Centro Universitário UNA Belo Horizonte - MG  
Graduated – Business Administration

2007 – 2009 - Fundação Dom Cabral Belo Horizonte – MG  
Graduated – Post-Graduation Specialization on Business Management – 360 hours

03/2010 – On hold (435 hours) - Universidade Fumec Belo Horizonte – MG  
Specialization – Post-graduation on Software Engineering

## **SPOKEN LANGUAGES**

Fluent english

Basic spanish

## **EXPERIENCES ABROAD**

2000 – 2001 –Exchange program AYA – American Year in América. Roswell – NM – USA

2006 – Congress RFID Live! Em Las Vegas, NV – USA

2007 – Season of 1 month in New York, NY assisting the company Transconnection Corporation

2012 - 5 month in San Francisco working for Avenue Code

2015 - 5 month in San Francisco working for Gap (Avenue Code)

## **IT KNOWLEDGE**

- Windows platform, Advanced Microsoft Office Skills
- Advanced Mac OS skills
- Unix and shell skills
- Analysis, documentation and development of software with over 15 years of experience:
  - o Mobile software development (iOS Platform and Android) 5 years total with Objective-C for iOS and recently Swift and Java for Android
  - o Node.JS – Less than a Year
  - o Golang – Less than a year
  - o Javascript - 5 years+
  - o Ruby on Rails – 3 years +-
  - o Python
  - o Perl - Basic knowledge
  - o Java and J2EE development – Basic knowledge, mostly applied to Android

- o Plataforma .NET (C#) – 6 years
- o PHP 4/5 – 2 years
- o ASP 3 – 2 years
- o Visual Basic 5/6 – 4 years
- Experience with SQL and noSQL databases. (MySQL, SQL Server, MongoDB, Redis, Bolt, PostGres)

### **EXTRA-CURRICULARS**

2011 - Geoprocessing with Open geographic systems (Open Source GIS) - São Paulo SP

2006 – Participation on RFID Journal Live! – Putting RFID to Work – Las Vegas – NV - USA

2004 – Course Introduction to the Project Management – B8 Tecnologia – Belo Horizonte – MG

2004 – Course Introduction to the Project Management with MS Project 2003 – B8 Tecnologia – Belo Horizonte - MG

2006 - 2006 – Chinese language – Individual classes – Belo Horizonte - MG

2002 - 2004 – German language – Cultura Alemã – Belo Horizonte - MG

1997 - Course Basic, Intermediate of Advanced of Microsoft Visual Basic 5.0 – Zargon – Belo Horizonte - MG

1994 - 2000 - English language – Speed System / High Language Center – Belo Horizonte – MG

### **PORTFÓLIO**

<https://joaoh82.github.io/>