



# André Borges, Software Engineer

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## Profile

My passion for technology started when I was a kid. I have always been fascinated by it and how systems work. I am a software engineer who likes to create new projects and also an enthusiast of new technologies. However, I have an entrepreneurial vein, and I am also motivated by product success and business growth, not technology for technology's sake. As a person, I am dedicated, ambitious, and always interested to learn new stuff.

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## Experience

### Software Developer - Mebra S.A. (Portugal)

November 2019 - Ongoing

- Developed an e-commerce and client platform with dashboards, for the company to create a digital transformation and serve 3000+ clients and transition a 10M+€/year business online
- Worked with a team of 3 to coordinate the remodeling and standardization of SAP's warehouse structure

### Software Engineer - Primavera BSS (Portugal)

October 2019 - June 2020

- Developed my master's dissertation and applied all the knowledge and best practices to the company's microservices, leading to a better and more efficient architecture in the most used Portuguese ERP
- Researched, designed, prototyped, and helped to implement microservices' documentation, gRPC, Docker, Kubernetes, and webhooks in the company's architecture, which serves a universe of 30k+ clients

### Mobile Developer - IOTech (Portugal)

February - September 2019

- Developed a mobile application and back-end REST API to manage events and attendances
- The event location, used to confirm attendances, was identified using QRcodes and Bluetooth beacons with triangulation. An event can be created by everyone and the attendance is done directly by the attendant

### Software Engineer Intern - Primavera BSS (Portugal)

July-September 2018

- Developed a tool to automate a set of update processes in the most used Portuguese ERP
- Automated the manual tasks that existed in this process, so not only did this process become fully automated, but the time that it took to update the ERP was also highly reduced

### Summer jobs

Summer 2012-2017

- Started working during the summer since I was 13 years old. During this time, I worked as a merchandise distributor in Portugal, resident DJ and collaborator in Switzerland, and electrician in France
  - Each experience taught me different things in their specific areas but, altogether, they taught me, from a very young age, that we have to work hard to achieve our goals and that nothing is impossible
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## Technical Skills

Java, Spring, C#, .NET Core, HTML, CSS, JavaScript, TypeScript, jQuery, AJAX, Node.js, Ionic, React, Angular, PHP, Silverstripe, SQL and NoSQL databases, Unit and Integration Testing, Agile (Scrum), TDD, CI/CD, Designing, building, and documenting RESTful APIs and microservices' architectures, git, Docker, Kubernetes, Microsoft Azure, UML, BPMN.

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## Education and Languages

**Master's in Engineering and Management of Information Systems:** University of Minho (2015-2020) – Score: 16/20

**Master's in Management of Information Systems:** Wroclaw University of Economics and Business (Erasmus semester 2018-2019) – Score: 5/5

**Student:** IoAcademy (2018-2020)

**Languages:** Portuguese (Native), English (C1), French (A2), Spanish (A2), Polish (A1)

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## Achievements

### Canoeing 2012-2019

- Champion and Vice-Champion 5 years in a row at the Portuguese National Canoeing Championship
- Vice-Champion 2 years in a row at the Portuguese University Canoeing Championship

### IoAcademy Challenge 2018

- Winner of the 1st edition of the IoAcademy Challenge – organized by IOTech in partnership with University of Minho, with an e-commerce project

### TecTalks 2018

- Winner of the Primavera Young Talent Award – Hackathon organized by Primavera Business Software Solutions with the Monitoring Life project
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## Projects

### Monitoring Life 2012-2019

- Worked with a team of 6 to create a gadget and service to reduce the impact of falls and abnormal changes in vital parameters, ensuring their detection promptly and its rapid referral and treatment
- Used an Arduino to detect falls and measure the heart rate to identify anomalies
- When an emergency was triggered, and if it was not canceled, it automatically called the person responsible, or the emergency services, and identified the victim's location and cause

### Event Management for Smart Cities 2017

- Led a group of 5 developers in a project to create a platform to manage events and their infrastructures in smart cities
- By automatically managing the city's infrastructures and services, it reduced the time spent to organize an event by ~90%

### Condominium Management 2016-2017

- Led a group of 4 developers in a project to create a desktop and web application for companies to manage condominiums and their respective services