

# João Duarte

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## Work Experience

### Blue Prism | Mid Full-stack Developer

C#, Typescript, GraphQL, Docker, MongoDB, AWS

Remote, UK

Mar. 2022 - Present

- Developing a new generation of Blue Prism software on the cloud and transitioning from legacy code
- Working with multiple microservices, whether in development, testing, integrating and deploying

### Blue Prism | Junior Full-stack Developer

React, C#, Docker, SQL, Azure, Mobx, Redux

Remote, UK

Mar. 2021 - Feb. 2022

- Developed BluePrism Decision, from concept up to 1st and 2nd release
- Helped decrease build times of main product by over 33% (15-25min)
- Participated in Secure Code Warrior courses and tournaments - taking a 1st place at one of them

### VivaDrive | Software Developer / Computer Vision Intern

Python

Warsaw, PL

Oct. 2020 - Feb. 2021

- Developed and used open source SLAM and point cloud registration algorithms to automatically detect and localize captured footage on a 3D space
- Helped develop an image recognition model of captured footage to detect specific objects using YOLOv5
- Documented and tested the previous and ongoing development
- Worked directly with the external client Vinçotte using agile methodologies

### Siemens | Software Developer Intern

Ionic, Cordova, Angular, NodeJS, Java/Spring and SQL

Lisbon, PT

Apr. 2017 - Jul. 2017

- Developed a native and hybrid mobile application demo for in-house use as an Event and Conference management
- Designed project requirements in cooperation with team lead
- Tested application in various platforms and devices to ensure compatibility and responsiveness

### Siemens | Test Automation Intern

Java, Cucumber/Gherkin, JBehave and Maven

Lisbon, PT

Jan. 2016 - Mar. 2016

- Updated and developed automated tests for internal programs that helped reduce testing time
- Participated in project meetings with technical staff, members and external clients

## Education

### Bachelor in Videogames and Multimedia

Universidade Lusófona de Humanidades e Tecnologias

Lisbon, PT

Sep. 2017 - Feb. 2021

### EQF L4 in Programming and Management of Computer Systems

Escola Profissional Bento de Jesus Caraça

Lisbon, PT

Sep. 2014 - Aug. 2017

## Skills

Languages: C#, JavaScript, C, SQL, Python  
Technologies: Git, React, Docker, MongoDB, Ionic, NodeJS, Azure, AWS  
Others: Linux, Unity, LaTeX, Atlassian Tools

## Projects

### "The Artificer" game C#, Unity, 3D

Responsible for programming the Gameplay (character, interactions, mechanics), VFX (effects, animations) and UI (design and implementation), as well as being the main Game and Level Designer.

This and more projects fully available on my website: [jvd.netlify.com](http://jvd.netlify.com)

## Courses

CS50: Introduction to Computer Science

Harvard University

## Languages

Portuguese: Native

English: Fluent

Spanish: Conversational

French: Basic