ANTÓNIO GONÇALVES

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ABOUT ME

I have over 10 years of experience in the development of web applications and being able to meet strict deadlines while maintaining the required elements of a modern web application, including: responsiveness, performance, accessibility, and SEO optimization, among other fundamental aspects.

SKILLS

Frontend	React, AngularJS, D3.js, Mapbox, WebSockets, Bootstrap, Tailwind
Fullstack	Next.js, Meteor.js, Wordpress, Liferay
Backend	Node.js, MongoDB, Active MQ, SQL
DevOps	Kubernetes, Docker, GitLab, GitHub
Coding	Typescript, Java, PHP, C#

WORK EXPERIENCE

Senior Software Developer   Jan 2016 - Present
UNPARALLEL Innovation   *Almada, Portugal*

- Developed from scratch the IoT-Catalogue.com a web application used to catalog information of EU research projects, enabling the collaboration and exchange of information between partners from different institutions all over Europe. skills: React, MongoDB, D3.js, Kubernetes.
- Development of Typescript Libraries used to harmonize features and behaviours among different projects on our company increasing the productivity when developing new projects. skills: Vite, GitLab, NPM
- Collaboration with our partners to plan and implement the integration of IoT-Catalogue.com with their web applications. skills: AngularJS, Wordpress, Liferay, RestAPI's
- I was a collaborator in the paper titled "Semantic Interoperability Toolkit for Data Marketplaces".
- Responsible for researching and testing the latest tools, frameworks and methodologies to make sure our company adopts the best industry standards relevant for our purposes.
- Onboarding and training of software developers allowing them to work with increased autonomy.

Research Engineer   Oct 2014 - Dec 2015
UNINOVA CTS   *Almada, Portugal*

- Development of plugins for Autodesk Revit. skills: NET C#, Revit .NET API.
- Installation and development of a web application used to show data from a weather station. skills: JavaScript, Python, Parse cloud database.
- Participation on European R&D projects: Proasense, Design4energy

Software Engineer   Feb 2014 - Sep 2015
OMIP   *Lisbon, Portugal*

- Development of Market Window an web application which enable our clients to track in real time bid and ask orders on power future contracts. skills: Javascript, WebSockets, Active MQ
- Development of a web application used for report generation. skills: .NET C#, Microsoft SQL Server
- Development of an OMIP SOAP service used enabling our clients to consume information produced by OMIP. skills: ServiceStack, .NET C#, Microsoft SQL server
- Management of the company's local network.

EDUCATION

Master in Wireless Communication, University of Southampton   2012 - 2013

- Santander full scholarship

Bachelor of Electrical and Computer Engineering, NOVA School of Science and Technology   2009 - 2012

PROJECTS

Data Visualizer: Interactive demo using Next.js, D3 and Mongo.DB showing an hierarchical relation chart with several data elements, this demo is using cats species data from Wikipedia. (Try it here)

Regional Data Display: Demo based on mapbox used to display quantitative data of geographical regions with support for multiple datasets and dates. (Try it here)

Hackathon - IoT Week 2015: Participation and winner of the IoT Week 2015 Hackathon.

My Portfolio: I worked with a designer to plan and design my Portfolio where I can show my work and demos.