EMERSON DE MELLO

Node.js Angular Full Stack Developer

PERSONAL INFO

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📍 Madrid, Spain

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LANGUAGES

🇧🇷 Portuguese

🇬🇧 English

🇪🇸 Spanish

TECHNOLOGIES

Node.JS (multiple versions)
AngularJS, Angular 8 and 16
Typescript and Javascript
MySQL and MongoDB
PHP, Symfony, Laravel
API, Swagger
CSS and Bootstrap
Docker and Microservices
Unit and e2e Testing
Jira
Scrum Master
JQuery

PROFILE

Full developer life cycle professional with background in Customer Engagement, Finance, Aviation Industry, Energy Market with over 20 years of experience developing web applications and solutions in the U.K., Spain and Brazil.

EXPERIENCE

FULL STACK DEVELOPER
Motivait Holdings (Madrid)
June 2021 - Present
My role is to build, enhance and give support to client's applications with solid experience in full SDLC, as full stack developer. From planning to release I get involved in frontend (Angular), backend (Node.JS) and databases like MongoDB and MySQL.

Find below what I have done so far and what I can help straight away:

Frontend: strong knowledge of Angular, creating Angular applications with Angular Material y typescript. Also CSS and SCSS web styling.
Backend: supporting a Node.JS backend API written in Javascript with RESTful calls (express, passport, mongoose, nodemailer, etc), and Swagger.
MongoDB: CRUD operations, javascript data import, data mapping, mongodump, mongorestore.
MySQL: complex queries, indexes, triggers, backup and restore.
Data: JSON, XML, JWB, ELT using Pentaho Data Integration.
CMS: Solid experience in Strapi and Contentful.
Linux: Basic knowledge of file management, installation, logs, sh scripts, PM2.
AWS: Basic knowledge of buckets and DNS Zones.
Bitbucket source control, GIT, pipeline script.
Microservices and Docker to easily distribute applications across departments.
Agile Scrum using Jira for user stories, backlogs and team management.

FRONT END DEVELOPER
Ineco (Triangle, Madrid)
May 2021 – June 2021
My role was to give maintenance and add new features of an existing Angular application of contentious and advisory files and processes of Spanish Ministry of Justice. The app was developed using Angular 8, KendoUI for the front end and .NET and MS SQL Server for the backend.

FULL STACK DEVELOPER
Cavok Ltd (England, UK)
October 2016 – April 2020
Full life cycle web application: Aircraft Operations Platform.
Initially developed with PHP Symfony API Platform, I was part of the development team to upgrade this application to Angular and NodeJS under Agile Scrum.
For the frontend using Angular 11: page development using CSS, Bootstrap, HTML and Typescript made with several modules, components and directives connecting to an API made in NodeJS. Heavy use of "Material" library with client and server validation. Other features: JWT, RxJS, reactive forms, unit testing, images and files, PDF and CSV export, language translations. For backend in NodeJS (Typescript): microservices in Docker containers. Express and Overnight libraries. Developed HTTP

calls endpoints in controllers with validations, interceptors and services connecting to MySQL/MongoDB.

SENIOR SOFTWARE DEVELOPER
Credo Group (London, UK)
October 2011 – July 2014

Software for risk analysis in carbon reduction, procurement and portfolios. Planning, organization, team monitoring in London and virtual teams in Serbia. My role was to develop parts of a ASP.NET application, using C#, CSS, XML, MS SQL Server, Javascript and JQuery plus many other components. Reports done with Crystal Reports component.

SENIOR SOFTWARE DEVELOPER
Utilyx Ltd (London, UK)
March 2007 – September 2011

Software for risk analysis in carbon reduction, procurement and portfolios. Planning, organization, team monitoring in London and virtual teams in Serbia. My role was to develop parts of a ASP.NET application, using C#, CSS, XML, MS SQL Server, Javascript and JQuery plus many other components. Reports done with Crystal Reports component.

SOFTWARE DEVELOPER
Leaseguard Systems Ltd (Oxford, UK)
April 2005 – November 2006

Software for risk analysis in carbon reduction, procurement and portfolios. Planning, organization, team monitoring in London and virtual teams in Serbia. My role was to develop parts of a ASP.NET application, using C#, CSS, XML, MS SQL Server, Javascript and JQuery plus many other components. Reports done with Crystal Reports component.

January/1999 until March/2005

For brevity, I worked on many organizations as contractor using Microsoft technologies in Sao Paulo, Brazil.