# EMERSON DE MELLO

Full Stack Developer in Madrid, Spain
Frontend Angular Backend Node.JS Express
Mobile Flutter Databases Mongo, MySQL

## PERSONAL INFO

+34 652 470 541

info@eamello.com

Madrid, Spain

## LANGUAGES

Portuguese

English

Spanish

## SKILLS

RESTful API Node.JS Express 90%
Typescript / Javascript 80%
PHP 80%
Angular Frontend 60%
Databases: MySQL and MongoDB 55%
Microservices 25%
Linux, Dev-Ops, Docker 20%
Mobile Apps Development: Flutter 15%

## PROFILE

Full software development lifecycle professional with over 20 years of experience delivering web applications and solutions across the U.K., Spain, and Brazil. Proven background in Customer Engagement, Finance, Aviation, and the Energy sectors.

## WORK EXPERIENCE

### FULL STACK DEVELOPER
### Motivait Holdings (Madrid)
June 2021 - Current
I am responsible for developing new applications and supporting existing ones for clients of Motivait. Our primary client is a prominent and well-established eCommerce company in Spain. We maintain a robust, centralized backend API that delivers services related to loyalty, engagement, gamification, and third-party integrations—such as with Shopify. I work as part of a small, distributed team of developers based in Spain and the UK, following Scrum methodology and utilizing Atlassian tools (Jira, Confluence, Bitbucket) to manage our workflow efficiently. I take pride in being a resourceful and proactive developer, with strong investigative skills and a proven ability to quickly research, test, and evaluate new frameworks, programming languages, and emerging technologies—including AI tools. I have a track record of delivering high-quality solutions under tight, non-negotiable deadlines, contributing innovative ideas and best practices to the team on a regular basis.

### FULL STACK DEVELOPER
### Cavok Ltd (England, UK)
July 2014 – July 2020
I was responsible for developing both the frontend and backend of a multilingual aircraft operations platform. The frontend was built using PHP, while the backend API was developed with Node.js and Express, supported by a MySQL database. The platform supports multiple user roles—including members, administrators, operations staff, and engineers—enabling them to manage key areas such as aircraft operations, pilot training, maintenance, and payments. It also integrates with Stripe for payment processing and Xero for invoicing. My contributions to the project included implementing OAuth 2.0 and JWT for secure authentication, containerizing services using Docker, developing microservices, optimizing database performance, and incorporating jQuery for frontend functionality. I also played a role in setting up unit testing to ensure code quality and reliability.

### SENIOR SOFTWARE DEVELOPER
### Credo Group (London, UK)
October 2011 – July 2014
End-to-end development of a web-based trading system for corporate users. The goal of the project was to enable financial intermediaries to monitor their clients' portfolios, execute trades, and generate various reports online. My responsibilities included developing web pages using ASP.NET (MVC), C#, CSS, jQuery, and SQL Server. I implemented the backend using WCF services and created an API to serve the web

## FRAMEWORKS, PROGRAMMING LANGUAGES, SOFTWARE AND LIBRARIES

Visual Studio Code, Node.JS, Express, Typescript, Javascript, JQuery, PHP, Angular, Angular Material, MySQL, MongoDB, Shopify, Xero OAuth 2.0 Integration, JWT, Postman, Bitbucket, Jira, Confluence, GitLab, GitHub, Flutter, Dart, Strapi, AWS S3, VPS Server, Linux commands, SSH, Docker images and containers, CSS, HTML5, CPanel, WHM Panel, Fresh Desk helpdesk, Slack, Plesk, Swagger, OpenAPI, RESTful APIs

application. Reporting functionality was developed using Telerik tools, and I worked extensively with complex stored procedures in SQL Server to handle financial data and business logic. The application integrated with external services to retrieve up-to-date financial data and display clients' current positions in real-time. Additionally, I contributed to the development of a CRM solution for a subsidiary of the Credo Group based in Geneva. Using Microsoft Dynamics CRM, I led a team of external developers to successfully transform the company's operations—from relying on isolated Excel spreadsheets to adopting a centralized, structured database-driven system.

## OTHER COMPANIES
1999 – October 2011

I have experience working with legacy technologies, such as ASP and VB, which are no longer in common use. Additionally, I've worked with technologies like .NET, MSSQL Server, WCF, and WPF—technologies I no longer wish to focus on moving forward, as my interests and skillset have evolved toward more modern solutions.

## EDUCATION

University of Oxford
2006 - 2007
Undergraduate Advanced Diploma in Computing

FAAP
1999 - 2002
Bachelor

CISI Level 3 "IT in Investment Operations" in 2014
Scrum Master CSM - Certified in 2013
PRINCE 2 Foundation - Project management in 2012