

# Cosme Valera Reales Software Engineer

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## Summary

Software engineer with **over four years** shipping production web applications in **TypeScript** and **React**, with backend work in **Node** and **Java (Spring)**. I **own delivery end to end**, from the component to the **Kubernetes** release, and use **Claude Code** and **Copilot** daily to build, refactor and validate code.

## Work Experience

**Mid-Level Full Stack Engineer,** *GMV* 10/2023 – Present | Madrid, Spain
Contributed to the development and delivery of web applications to meet ESA's needs in the Galileo project, Europe's equivalent of GPS.

- Developed and maintained **5+** web applications using **React, TypeScript, Node** and **Java (Spring),** improving usability and consistency across Galileo applications.
- Volunteered to lead **agentic AI adoption** for **7 engineers** under strict security constraints: ran a workshop on **AGENTS.md, skills, MCP and agents**, and defined **Copilot** configuration standards adopted in our repositories.
- Did the same for the team's move to **Kubernetes**: learned Kubernetes, **Kustomize** and **Helm**, then moved our **Dockerized** apps to Helm releases across **2 environments**, deployed weekly through **Jenkins**.
- Designed and built from scratch, with my team, the backend of a web application in a **Turborepo** monorepo: **Node**, **TypeScript**, **Express** and **Sequelize**, with the data models and the REST endpoints its frontend consumes.
- Worked with ESA engineers in a **Scrum** team to clarify requirements, gather feedback and turn operational needs into user stories and features.

*Technologies*: React, TS, CSS, Node, Sequelize, PostgreSQL, Docker, K8S, Helm, AWS, Jenkins, GitHub Copilot, Scrum

**Junior Full Stack Engineer,** *Seanchas Research* 04/2023 – 07/2023 | Cork, Ireland
Very enriching Erasmus+ experience working full-time in English in Ireland.

- Developed and updated 2 web applications: one full stack application using **Angular, TypeScript, CSS, Java,** and **MySQL,** and one **WordPress**-based website.

*Technologies*: Angular, TypeScript, CSS, Playwright, Java, MySQL, WordPress, Git, GitHub Actions

**Capgemini**

> **Junior Full Stack Engineer** 07/2022 – 04/2023 | Murcia, Spain
> - Developed web applications for ADIF railway infrastructure systems, supporting services related to Renfe trains and national rail operations using **Angular, TypeScript, CSS** and **Java (Spring)**.
> - Built responsive interfaces from **Figma** designs and client requirements, aligning frontend implementation with business and usability needs.
>
> **Full Stack Engineer Intern** 04/2022 – 07/2022 | Murcia, Spain
> - Started with **Angular** and **Java.** Three months as intern, then hired.
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> *Technologies*: Angular, TypeScript, CSS, Java (Spring), PostgreSQL, Git, Figma, Scrum

## Project

**RabbitHole** , *a curiosity wiki. Every new topic comes back explained through what you already know.*
Solo-built **AI SaaS**, from prototype to launch: **React, TypeScript, Supabase, Stripe, OpenAI**, **Gemini** and **local LLMs**.

## Education and Training

**Technician in Development of Web Applications,** *CIFP CARLOS III* 2022 – 2023
JavaScript · PHP · Laravel · MySQL · Angular

**Technician in Development of Cross-platform Applications,** *IES Ginés Perez Chirinos* 2020 – 2022
Java · Android · Python · Oracle SQL · MongoDB · Firebase

## Language Skills

**Spanish** - Native **English** - C1 Cambridge **French** - B1