

Marcel Manzanares

SOFTWARE ENGINEER

Barcelona

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Experience

Worldsensing - Software Engineer

INDUSTRIAL IoT

Barcelona, Spain

Dec 2024 - Present

- Building edge monitoring features for large-scale industrial IoT deployments.
- Shipping client and backend bits for the Worldsensing CMT cloud dashboard.
- Keeping a bunch of internal services wired up so customers get what they need.

Stuart - Fullstack developer

Barcelona, Spain

B2B DELIVERY PLATFORM

2022 - 2024

- Designed and implemented responsive web components and functionalities.
- Led the migration to a micro-frontend architecture to enhance scalability and maintainability.
- Developed and maintained server-side rendered (SSR) applications using an in-house framework.
- Collaborated with cross-functional teams to troubleshoot and resolve complex technical issues.
- Ensured code quality and efficiency, consistently meeting project deadlines.

Soy Super - Backend developer, Sys Admin

Barcelona Spain

SUPERMARKET COMPARATOR

2021 - 2022

- Developed and maintained web crawlers using Perl and Typescript, enhancing data aggregation capabilities.
- Managed system infrastructure, ensuring high availability and performance.
- Extended and optimized business frameworks to improve functionality and user experience.

Projects

Nu alias converter

 marcelarie/nu-alias-converter

RUST

Oct 2024

- Convert other shell aliases to Nushell
- Extract the tokens using Treesitter and validate with nu-parser

Automatic directory runner

 marcelarie/rund

SHELL

May 2024

- Implemented multiple shell hooks that run specific scripts when changing a directory.
- Similarly to direnv the user needs to validate the scripts and will run when entering on a directory for the first time

Skills

Languages TypeScript, PHP, Ruby, Rust, Lua, Go, Bash, Perl

Databases SQL, GraphQL, Redis, MongoDB, PostgreSQL

Systems and CI Linux, Git, Docker, Vim, Nginx, AWS

Software skills Unit and E2E testing, Scripting, Pipelines, FP, OOP, REST, Microservices, DDD

Spoken Languages Spanish, Catalan, English

Soft Skills Positive and active, Problem solver, Emphatic and sociable, Good conversation skills, Committed

Education

Assembler School

Barcelona, Spain

MASTER OF COMPUTER ENGINEERING

October 2020 - June 2021

Intensive and practical master that gives a bird's-eye view of the world of software development.