MAR BOU BERNAD
WEB APP DEVELOPER STUDENT

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FORMATION

Web Application Development student   UOC   2024 - 2026

UDEMY TRAINING

NodeJS (REST APIs, GraphQL)

Java (Spring Boot, Hibernate)

React (Hooks, Router, Next.js)

TECHNICAL SKILLS

BACKEND

Java, Spring Booot, NodeJS, Express, Laravel, API Rest, GraphQL

FRONTEND

React, JavaScript, HTML5, CSS3, Tailwind, Bootstrap

DATABASES

MySQL, Hibernate (JPA), MongoDB, mongoose

TOOLS

Git, Github, Docker, Github Actions (CI/CD)

LANGUAGES

English B2 (First Certificate)
Spanish native
Catalan native
Japanese N5

ABOUT ME

I am a web developer with a strong passion for technology. I am currently studying Web Application Development at UOC. In addition to learning and improving as a developer, I have enhanced my communication, project management, organization, and teamwork skills.

PROJECTS

Backend API with GraphQL & Docker

GitHub: *https://github.com/marbobe/Gestion-productos-GraphQL*

Node.js, GraphQL (Apollo), MongoDB, Docker, CI/CD, Mocha/Chai.

- Designed a scalable layered backend architecture (Service Layer) in Node.js, decoupling business logic from the GraphQL interface.
- Containerization with Docker, CI/CD pipeline, and unit testing (TDD) with Mocking, ensuring clean code and automated deployment.

Book Tracker - Full Stack Java Application

GitHub: *https://github.com/marbobe/BookTracker*
Demo: *https://booktracker-rtgy.onrender.com/*

Java, Spring Boot, Thymeleaf, PostgreSQL, Docker

- Cloud-deployed book tracking system. Includes a 'Demo' mode for visitors and persistence with PostgreSQL.
- Robust security implementation using Spring Security, including an Access Control system for user roles and a "Guest" mode.
- Dynamic pagination, multivariable filtering with Query Casts, and responsive design using Bootstrap.

Personal Porfolio (Web)

GitHub: *https://github.com/marbobe/mi-porfolio*
Demo: *https://marbou.vercel.app/*

React, Tailwind CSS, i18next, EmailJS, Google reCAPTCHA

- Development of a responsive and bilingual SPA (Single Page Application) implementing i18n for dynamic translation management (Spanish/English).
- Secure integration of EmailJS and Google reCAPTCHA v2 for form management and spam protection.

WORK EXPERIENCE

Ortopedics 2018-2024

Specialist in MI, MS, and myoelectric prosthetics

Programming and calibrating prosthetics sparked a deep passion for technology and programming, leading me to transition into web development.