

## 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.

## FORMATION

### Web Application Development student

UOC 2024 - 2026

### NodeJS (REST APIs, GraphQL)

Udemy Sept 2025

### Java (Spring Boot, Hibernate)

Udemy Nov 2025

### React (Hooks, Router, Next.js)

Udemy Jan 2026

## TECHNICAL SKILLS

### Technologies and Languages:

Java, NodeJS, JavaScript (ES6+),  
SQL, HTML5, CSS3, PHP

### Frameworks and Libraries:

Express.js, Spring Boot, React, Laravel

### APIs y Architecture:

REST API, GraphQL

### Persistence and Databases:

Hibernate (JPA), MySQL, MongoDB,  
mongoose

### Tools:

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

## LANGUAGES

- **Inglés** B2 (First Certificate)
- **Español** native
- **Catalán** native
- **Japonés** N5

# MAR BOU BERNAD

## WEB APP DEVELOPER

### STUDENT



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## PROJECTS

### Backend API with GraphQL & Docker

GitHub: <https://github.com/marboe/Gestion-productos-GraphQL>

Node.js, GraphQL (Apollo), MongoDB, Docker, GitHub Actions, Mocha/Chai.

- Designed a scalable layered architecture (Service Layer) in Node.js, decoupling business logic from the API.
- Implemented a CI/CD pipeline and unit tests (TDD) with mocking, ensuring clean code and automated deployment.

### Book Tracker - Full Stack Java Application

GitHub: <https://github.com/marboe/BookTracker>

Spring Boot, Spring MVC, Spring Data JPA, H2, Docker

- Designed a web application following SOLID principles and layered architecture using Spring Boot and Spring Data JPA.
- Managed persistence with H2 and domain-level validations, ensuring data integrity and code maintainability.
- Implemented MVC controllers and decoupled business logic, ready to scale or migrate to a REST API.

### Backend Developer & Integration | UOC Project

GitHub: <https://github.com/Desarrollo-back-end-con-PHP>

Laravel, PHP, MySQL, Docker (Sail), REST API, Git.

- Migrated a legacy application to Laravel, decoupling business logic through a service and repository architecture.
- Implemented a robust security system (Multi-Auth, CSRF) and a REST API to connect with external platforms (WordPress).
- Worked in a collaborative environment using Git, managing continuous integration of features and ensuring shared code stability.

## 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.