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Marc Arcedo Alvaro

Web Developer

Over a year of experience as a Web Developer. I focus on writing clean, reliable code that helps make work easier for my team. Always learning and staying up to date with the latest technologies to deliver the best results.

EXPERIENCE

Intern Full Stack Developer at Code Biting

Jul 2023 - Dec 2023 [Barcelona, Spain]

KEY CONTRIBUTIONS

- **Implemented** a RESTful API using Node.js and Express to manage logistics containers, enhancing functionality through comprehensive unit testing.
- **Deployed** and tested various server scenarios using Docker, Docker Swarm, and Redis, generating a performance comparison report using Artillery (a load testing tool) to recommend the optimal solution using an Ubuntu Server and PM2.
- **Researched** and learned the front-end framework Vue.js to develop a user interface, enabling clients to create, view, and manage containers through the RESTful API.

PROJECTS

Fundflow (https://fundflow.arcedo.dev)

Feb 2024 - May 2024

A crowdfunding platform with social media components such as follows, likes/dislikes, and reviews from collaborators and funders. My colleague and I divided the tasks to efficiently manage development.

MY ROLE

- Designed and implemented the database structure.
- Developed the back-end application.
- Collaborated on the front-end development.
- Deployed the application.

TECHNOLOGIES USED

- **Back-end**: Bun.js, Express, MySQL, MongoDB, Resend (for email services), JSON Web Token (JWT)
- **Front-end**: React.js, TailwindCSS, Google Authentication
- **Deployment**: VPS, Ubuntu Server, Nginx, Docker Compose, Shell Scripts

Here you can find the GitHub repositories for this project:

- Back-end Repository
- Front-end Repository

SKILLS

Initiative	JavaScript	Node.js, Bun.js
Fast Learner	TypeScript	React, Vue
Adaptability	Java	Tailwind CSS
Team Player	Python	Jest, Cypress (JS Testing Frameworks)
Critical Thinking	Linux (Server, Client)	Docker (Compose, Swarm Orchestration)
Active Listening	SQL (MySQL, Oracle DB)	Test-Driven Development (TDD)
Highly Motivated	NoSQL (MongoDB, Redis)	Object-Oriented Programming (OOP)

EDUCATION

Web Applications Development at Jaume Viladoms, Centre d'Estudis Professionals

Sept 2022 - Jun 2024 [Sabadell, Spain]

Microcomputer Systems & Networks at Jaume Viladoms, Centre d'Estudis Professionals

Sept 2020 - Jun 2022 [Sabadell, Spain]

CERTIFICATIONS

Oracle J2SE, J2EE and PL/SQL

Jun 2023

Red Hat System Administrator I

Jun 2022

LANGUAGES

Spanish, **Catalan** and **English**.