Pablo del Barrio

Frontend Developer

Info

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About me

Frontend Developer with over **3 years** of experience in **React**, and solid knowledge of **Backend** that gives me a cross-functional perspective on web development. I consider myself a creative and detail-oriented person with strong **interpersonal skills**. I also have experience using **artificial intelligence** tools, which allows me to explore new solutions and **improve productivity**. My professional goal is to continue growing as a Frontend Developer, deepening my knowledge of cutting-edge technologies and contributing to challenging projects that drive my **professional development**.

Languages

- English · B2/C1
- Spanish · native
- Catalan · native

Interests

Technology, digital culture, essay books, cinema, music, concerts, comedy, sustainability.

Tech Skills

JavaScript, **MERN** Stack (**MongoDB**, **Express**, **React** -with **Context and Hooks**-, **Node.js**), **React Native** (with **Expo**), **Next.js**, **TypeScript**, **Redux**, **PostgreSQL**, **Docker**, Sequelize, **CSS**, **Styled-Components**, **Tailwind**, **Git**, **GitHub**, **GitLab**, **SASS**, **Firebase**, **Supabase**, **Mocha**, **Jest**, **Cypress**, **Figma**, Handlebars.js, Photoshop, Premiere and more to come.

Soft Skills

Good communication | Teamwork | Creativity and fast learning | Problem-solving | Self confident Easy going | Used to Logic and Abstraction | Attention to detail | Ability to implement new functionalities in active applications

Experience

Senior Technical Support Specialist

TRAVELPORT · APRIL 2024 – OCTOBER 2024

- Developed custom plugins leveraging the company's proprietary SDK, built on **React/Redux** frameworks, enhancing platform functionality.
- Streamlined and updated process **documentation**, ensuring clarity and consistency for cross-functional teams and future reference.
- Gained hands-on experience with **BDD/TDD** development methodologies, contributing to higher-quality code and more efficient testing workflows.
- Acquired familiarity in **CI/CD** pipelines, supporting continuous integration and smooth deployment processes.
- Developed knowledge of business logic development tools employed by the company, optimizing software performance and functionality.

Software Developer

FREELANCE · DECEMBER 2022 – MARCH 2024

- Developed a web application that is a **collaborative agenda of cultural events** that is used by **dozens of users** where you can view an average of **30 events** a week.
- Implemented the user interface with **Next.js (React)** and **TypeScript**, **Tailwind** for the styles, using the **React Server Components** of the most recent versions of Next.js for optimal performance.
- Used **Supabase** as the database, which eliminated the need for a traditional backend and improved the efficiency of the project.
- Used **Jest** for unit and integration tests, alongside **Cypress** for end-to-end (e2e) testing.
- Implemented a simple registration system with social login with **Gmail**, simplifying the user experience to add events quickly.
- Managed **application cache** to improve loading speed and efficiency.
- Designed and created wireframes for the app with **Figma**, which helped visualize both the UI and dark mode before implementation.
- I autonomously managed the **entire software lifecycle**, from initial conceptualization and development to implementation and ongoing maintenance.

Software Developer

2I INFORMATICA INDUSTRIAL · JULY 2022 – NOVEMBER 2022

- Developed the user administration interface using **React** and **Firebase**, which improved the efficiency of the administration process by 30%.
- Implemented data filtering functionality in an active **React Native** project (with **Expo**) with **PostgreSQL** and **Sequelize**, which allowed for more efficient data handling and a better user experience.
- I performed the above developments using **Docker** containerization, which improved deployment efficiency and project scalability.
- I updated the versions and uploaded the applications to the respective **Apple** and **Android Stores**, which allowed users to access the latest features and enhancements.
- Created wireframes of several applications with **Figma**, which helped to visualize and improve the user interface prior to deployment.

Frontend Developer

PRIALT (FREELANCE) · NOVIEMBRE 2021 – FEBRERO 2022

- Developed the **frontend** of an application in **React** in a development team of 3 people.
- Implemented the logic of a drug dosage calculator using **Object Oriented Programming (OOP) in JavaScript**, following **Clean Code** principles for a more readable and maintainable code.
- Managed the state of the application using **React Context** and **React Hooks**.
- Increased the accessibility of the application by implementing offline data persistence following **Progressive Web Apps (PWA)** standards, which would allow users to access information even without internet connection.

Educaction

Full Time Web Development Bootcamp

IRONHACK (BCN) · MARCH 2021 - MAY 2021

- Frontend technologies: **HTML** | **CSS** | **JavaScript** (ES6) | **React**
- Backend technologies: **ExpressJs** | **NodeJS** | **MongoDB** & **Mongoose** | **Axios**
- Version Control: **Git** | **GitHub**

Web Server environment programming course

CIFO LA VIOLETA (BCN) · OCT 2020 - DEC 2020

- Development of web applications in a server environment with **PHP** language.
- Database creation, access and manipulation with **MySQL**
- Implementation of **API**s using **REST** architecture for the exchange of information in **XML** and **JSON**.

Certificate of Higher Education in Telecommunications and Computer Systems

IES CASTELLARNAU (SABADELL) · 2000 – 2002