

## **Marlon David Bernal Riveros**

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### **Professional Profile:**

Full stack web developer with strong technical skills in HTML, CSS, JavaScript, React, Next.js, Node.js, SQL, NoSQL, TailwindCSS, Express, and MongoDB. Focused on creating intuitive and engaging interfaces while maintaining efficiency and performance in mind. I excel as a leader and assertive communicator, capable of problem-solving and overcoming obstacles. My experience includes working in agile, collaborative environments and coordinating interdisciplinary teams. I am always eager to take on new challenges and find innovative solutions. My versatility, adaptability, and track record of successful outcomes make me an ideal candidate to add value to any work environment. I am excited to apply my knowledge and skills to challenging projects to drive your organization's success.

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### **Technical Skills:**

Proficient in tools such as:

NEXT.js, MongoDB, GITHUB, HTML, CSS, JAVASCRIPT, React, NODE.js, SQL, Express.js, TailwindCSS, NoSQL

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### **Education:**

**August 2022 - April 2023: Full Stack Web Development**

**DEV.F (Pro Talento)**

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### **Work Experience:**

#### **1.Habi Hackaton (May 29th)**

##### **Role: Full Stack Web Developer**

In a team of three, we participated in an 8-hour hackathon with the challenge of finding a creative solution for a remote homeowner who needed to monitor their property without being physically present.

Our solution involved implementing humidity and gas sensors configured with IoT technology. These sensors would detect any quality contingencies in the house and send graphical reports through PowerBI. We connected PowerBI to a web page where the client could book maintenance services based on the reports. This allowed the homeowner to monitor their property's status remotely.

Our focus was on providing comfort and efficiency to the client by offering a remote solution for property control and security.

## **2.Chepelin Technology (May-June 2023)**

### **Role: Web Developer**

Performed maintenance and updates to the database and user interface (UI).

Optimized the website infrastructure to improve loading speed and enhance user experience.

Diagnosed interface architecture issues and improved the application based on user experience.

Achievements:

Contributed to the development of an SEO positioning strategy, resulting in increased visibility and sales in the market.

Documented the information architecture and functionality of the web application.

## **3.Ecommerce (Freelance Project - April 2023)**

### **Role: Full Stack Developer**

Developed an e-commerce platform for electronic and technological products, incorporating features such as shopping carts, landing pages, and filters. The platform consumed a REST API that connected to the brand's stock database. Utilized technologies like React, Tailwind CSS, Node.js, Express, Next.js, and Redux with MongoDB.

Achievement:

Designed a platform with a seamless user experience and a robust architecture. Leveraged Next.js to optimize performance and ensure fast page loading.

## **4.MVC with Express and MongoDB (Freelance Project - April 2023)**

### **Role: Full Stack Developer**

Implemented the MVC architecture using Express.js and MongoDB in the backend project. Defined data models with Mongoose and used Express.js for rendering dynamic views. The controller handled client requests and interactions with the database. This modular structure

facilitated efficient development, maintenance, and scalability, providing a solid foundation for future projects.

## **5.DEV.F (August 2022 - April 2023)**

**Role: Full Stack Developer**

### **Project Highlights:**

Developed an English dictionary with word search, definitions, and examples, capturing user data and integrating with a dictionary API.

Created a task list with a shopping cart to efficiently manage tasks and purchases using React hooks.

Implemented an interactive ATM with user validation and banking operations.

Designed a rock-paper-scissors game that allowed users to select options and view results.

Notable Achievements:

Efficiently retrieved relevant information from the dictionary word search.

Created attractive, user-friendly, and responsive designs using CSS, React.js, and Next.js.

Utilized modern technologies like React hooks, HTML, CSS, JavaScript, React.js, and Vite (in certain projects).

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