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## **Sebastian Pérez Zuluaga**

### **Full Stack Developer**

4 years of experience developing software applications, with a strong focus on web using React and NodeJS (2 years professionally). Proficient in a diverse range of technologies including TypeScript, React, Node.js, NextJS, NestJS, C# .Net and with both SQL and NoSQL databases. I thrive in collaborative environments, leveraging my problem-solving skills, autonomy, and communication expertise to deliver high-quality software solutions.

### **Experience.**

#### **Fullstack web Developer**

Nov. 2023–Jun. 2024

##### **BB-bar, San Antonio, Rionegro Antioquia.**

Developed a full stack web application for a bar to manage sales, costs, expenses, statistics, and inventory, streamlining operational processes for the client, fully linked to the Colombian accounting environment.

- Managed the entire application lifecycle from concept and design to development and deployment using cutting-edge technologies React, Express, MongoDB, PostgreSQL, NextJS, TailwindCSS, NestJS and Shadcn.
- A complete algorithm was developed to export data in various formats, specifically designed to meet the accounting reporting requirements of the Income Statement and the Balance Sheet.
- Development of reusable and scalable components with React, ensuring good practices and application performance
- Implemented robust security measures, including authentication and authorization protocols, to safeguard the application and API.
- Provided ongoing support, including bug fixes, updates, deployments, and seamless integration of new features.

#### **Fullstack web developer**

Jun. 2023–Aug. 2023

##### **Nutrición Vital, Argentina.**

Contributed to the development of an e-commerce platform for Nutrición Vital, a nutrition company based in Buenos Aires, Argentina.

- Employed React, NodeJS, Redux, Bootstrap, Express, MongoDB, JWT, MercadoPago, Nodemailer, and other technologies to deliver a robust and secure online shopping experience.
- Led a significant portion of the backend development, ensuring robust and scalable server-side architecture.
- Played a key role in implementing secure payment processing through MercadoPago, ensuring the safety and integrity of customer transactions.
- Ensure the development of reusable and scalable components for the development of the application using React.

- Implemented security measures and utilized middleware to protect the integrity of the company's database and sensitive user information.
- Proactively identified and resolved technical issues through debugging, testing, and collaborative problem-solving, often utilizing pair programming techniques to find efficient solutions.

## **Fullstack web Developer**

Jan. 2023–Jun. 2023

### **Universidad Catolica Argentina, Argentina.**

I worked as a fullstack web developer for the Universidad Católica Argentina.

- I used modern technologies like React, TypeScript, Redux, Material-UI and Bootstrap for frontend development of various applications. Always seeking the best user experience.
- Implemented backends using best practices with Express, TypeScript, JWT, and SQL databases.
- Actively participated in the adoption of agile methodologies, including SCRUM, to manage the project efficiently and ensure successful deliveries.
- Collaborated closely with teammates through practices such as pair programming to improve code quality and assist in troubleshooting.
- I worked on interdisciplinary projects, collaborating with other teams to develop web applications related to the legal field.

## **SKILLS**

Programming languages: TypeScript, JavaScript, C# .Net.

Frontend: React, Next.js, Tailwind, Redux, Zustand, Astro, Angular.

Backend: NestJS, ASP.NET, Express, JWT, sequelize, TypeORM, EntityFramework.

Databases: SQL & No SQL.

## **EDUCATION.**

- Full Stack Web Developer. Henry Bootcamp. 2022.
- Programming skills with emphasis on Web Application Development. **Universidad de Antioquia**, 2021
- Business administrator with financial emphasis. Universidad Catolica de Oriente. 2019–2024.

## **LANGUAGES**

- English B2–Intermediate
- Spanish native