

Sebastian Pérez Zuluaga

Full Stack Developer

spezuluaga@gmail.com

+57 3225343765

[LinkedIn](#)

[GitHub](#)

[Web](#)

Developer with 3 years of experience with TypeScript, React and NodeJS. I have delivered solutions for sectors such as academia, e-commerce, from academic apps to enterprise systems, and I have been a mentor and a collaborator in open source.

EXPERIENCE

Fullstack web Developer at BB-bar, San Antonio, Colombia.

Nov. 2023–Jul. 2024

- Developed a management system automating inventory checks, expense tracking, accounting stats and sales monitoring, reducing manual operations by over 80% and minimizing human errors.
- Optimized inventory management by providing real-time insights on stock levels, daily performance, and sales trends, allowing employees to perform actions in a few clicks, improving decision-making efficiency.
- Streamlined daily operations by automating bill calculations and split payments, reducing processing time by 70% and improving customer satisfaction during high-traffic events.
- Developed a management system automatically linked to the balance sheet and income statement to facilitate accounting processes, optimizing costs and legal processes.

Main stack: TypeScript, JavaScript, React, NodeJS, NestJS, NextJS, PostgreSQL, MongoDB, Zod, Docker.

Fullstack web developer at Nutricion Vital, Argentina

Jun. 2023–Sep. 2023

- Built an e-commerce platform for a point-based system, growing user adoption from 18 to 120+ in four months, with online sales contributing to 40% of the total revenue.
- Implemented a payment solution integrating MercadoPago with a custom web-scraping algorithm ($O(\log n)$ complexity) to ensure seamless transactions.
- Automated customer communications using NodeMailer and SMS verification, enhancing customer engagement and reducing cart abandonment rates.
- Integrated a secure user authentication system to manage customer data and transactions, ensuring compliance with industry standards and improving user trust.

Main stack: TypeScript, JavaScript, React, NodeJS, Express, MongoDB, Zod.

Fullstack web Developer at Universidad Catolica Argentina, Argentina

Jan. 2023–Jun. 2023

- Led the development of academic applications supporting 1500+ students per semester, with up to 250 simultaneous users, using frontend caching to reduce server load and improve response times.
- Pioneered good practices in testing, documentation, and caching, enhancing application performance and reducing backend requests.
- Collaborated closely with faculty and students to gather feedback and iteratively improve the application, aligning development with the university's academic goals.

Main stack: TypeScript, JavaScript, NodeJS, Express, Python, Django, PostgreSQL, Zod.

SKILLS

Proficient in TypeScript, JavaScript, NodeJS and used C# with .Net; front-end React, Next.js; back-end frameworks such as NestJS, ASP.NET, Express; databases PostgreSQL, MySQL, MongoDB, Redis, MC SQL server; version control Git; Docker; Jest RTL.

EDUCATION.

- Henry Bootcamp, Full Stack Web Developer 2022.
- Universidad de Antioquia, Associate's degree programming skills, emphasis on Web Development 2021 - 2022.
- Universidad Católica de Oriente, Business administrator with financial emphasis 2019–2024.

LANGUAGES

- English +B2