Santiago Botero Peláez

Backend Software Developer

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About Me

Backend Software Developer with strong expertise in Elixir, Node.js, and Java. Skilled in creating scalable systems, real-time applications, and cloud-based solutions. With hands-on experience in frontend, DevOps, and mobile. Team player, proactive, and highly motivated to tackle challenging projects.

Work Experience

Software Developer
Answer CPI, Pereira, Colombia
Freelance
(JavaScript (Node & React), Docker, SQL)
06/2024 - 04/2025

- Developed a real-time vehicle geo-location tracking system to manage routes and estimate arrival times.
- Enhanced operational efficiency by integrating Docker and SQL databases into tracking modules.

Software Developer
Personal Soft, Medellín, Colombia
(Elixir (Phoenix) & Java (Spring Boot))
01/2023 - 05/2023

- Created and fixed Azure Pipelines for CI/CD.
- Introduced new plugins to SonarQube and implemented acceptance tests using Karate.

Project Lead
Kommit, Florida, United States
(Elixir (Phoenix) & JavaScript (React))
02/2022 - 11/2022

- Led project development, established project strategies, and trained junior developers.
- Designed team structures and responsibilities.

Software Developer
Answer CPI, Pereira, Colombia
(PHP (CodeIgniter), JavaScript, SQL, Docker)
04/2021 - 02/2022

- Built notification systems with webhooks and managed GitLab pipelines.
- Developed ad insertion modules for video content.

Java Developer
SUMMA OPE, Cali, Colombia
(Java (Spring Boot), SQL)
07/2018 - 11/2020

- Streamlined accounting processes through custom software solutions.
- Supported consultancy services with tailored digital tools.

Personal Projects

Bold API SDK
(Node.js, TypeScript)
01/2025 - 02/2025

- Created a Node.js SDK to simplify payment gateway integrations with Bold's payment API.
- Implemented TypeScript for full typing support.
- Fetches real-time payment methods and generates payment links easily.
- GitHub: https://github.com/boterop/bold-api-sdk

Visual Code Extensions
(Node.js)
Various Dates

- Developed Visual Studio Code widgets using npm for both personal use and public distribution.
- Marketplace: https://marketplace.visualstudio.com/publishers/boterop

Education

Software Engineer
Universidad del Quindío, Armenia, Colombia
2016 - 2021

Certifications

- Curso de Casos de Uso de Smart Contracts (Platzi)
- Curso de Fundamentos de Node.js (Platzi)
- Curso de Gestión para Planificar, Definir e Identificar Riesgos de un Proyecto (Platzi)
- Curso de Introducción a Elasticsearch (Platzi)
- Curso de Introducción al Desarrollo Backend (Platzi)
- Curso de Introducción a React Native (Platzi)
- Curso de TypeScript (Platzi)
- Curso Básico de GitHub Actions (Platzi)

Technical Skills

- **Languages**: Elixir, Java, JavaScript, Node.js, Python, SQL, NoSQL, TypeScript
- **Frameworks & Tools**: React, Docker, Spring Boot, Phoenix, Next.js, CodeIgniter, GitLab, SonarQube, Azure Pipelines, Karate
- **Databases**: PostgreSQL, MySQL, Elasticsearch
- **DevOps**: Docker, GitLab CI/CD, Azure Pipelines
- **Cloud**: Azure (basic experience)

Soft Skills

- Leadership
- Team collaboration
- Problem solving
- Proactive learning
- Project management

Languages

- Spanish: Native
- English: B2 (Upper Intermediate)