

VICTOR SPICHENKOFF SANTANA

Junior Software Engineer

[in LinkedIn](#) | [+55 11 98729-6116](#) | [Portfolio](#) | [✉ victor.ss.jobs@gmail.com](#) | [GitHub](#)

Skills

- C# | .NET | JavaScript | TypeScript | PostgreSQL | MySQL | Node | Express | React | Next.js | NoSQL | Git | Docker
- Google Cloud | CI/CD | Tests | Object Orientation
- Frontend | Backend | Full-Stack | English - B2 | Spanish - B2 | *Portuguese - Native*

Summary

Software Engineering student with 3 years of independent and academic experience in creating full-stack applications. Knowledgeable in different areas of development, from planning to coding to deployment. I have more than 5 published projects. Able to overcome complex bugs with knowledge, analysis, and perseverance. Passionate about programming and creating real solutions to real problems—including my own. I am looking for my first professional opportunity to apply what I have learned in a real environment, collaborating with teams and proving my value from day one.

Experience & Projects

Million Show

- Designed and developed a **large-scale fullstack application** inspired by "Who Wants to Be a Millionaire", combining advanced **frontend, backend and database engineering**.
- Built a **custom scoring and ranking algorithm** that rewards players based on multiple factors (time, accuracy, help usage), simulating a real competitive environment.
- Structured backend using **SOLID principles, Nest.js modules, and automated processes**, with migrations, seeding, and auto-cleaning history for DB efficiency and **high coverage with automated tests**.
- Enhanced UX with **animations, skeletons, multilingual pagination, and real-time feedback**, ensuring a polished and engaging player experience.
- **Tech:** Nest.js, Next.js, TailwindCSS, TypeORM, JWT/Auth Guards, Swagger

Server Monitoring Dashboard

- Created to solve a real-world need: keep free-tier servers online and track global usage through distributed probes.
- Handled limitations of free services by applying progressive refactors, efficient task scheduling, and built a **visual dashboard** for full control of server activity and usage monitoring.
- **Achieved a 40% reduction in database queries** from version 1 to version 2 through code optimization and smarter caching.
- **Tech:** Next.js, Express, Node.js, Figma, PostgreSQL (third-party)

Online Multiplayer Game

- Designed and implemented a real-time multiplayer game supporting multiple simultaneous matches. Backend structured based on **SOLID** principles
- Handled connection and reconnection logic on both frontend (Next.js) and backend (ASP.NET) using WebSocket.
- Included **automatic cleanup of inactive rooms** to optimize performance.
- Developed local and **bot** modes - for offline use.
- **Tech:** C# & ASP.NET, Next.js, Docker, WebSocket

CLI Tool for Instant Express Project Setup

- Built an open-source CLI to scaffold Express.js APIs in seconds, with options for TypeScript, ORM, and database integration.
- Enables developers to create a full backend structure with a single command, saving up at least 1 hour for each project.
- Achieved **1000+ downloads** in the one week on npm.
- **Tech:** C#, .NET, JavaScript, NPM, Terminal

Portfolios Management Platform

- Led the full-stack development of a platform for creating and sharing portfolios.
- Implemented authentication (with guest access), infinite scroll, text editor, and content ranking system.
- Designed, deployed and maintained the API, frontend UI, and database.
- **Tech:** Next.js, TypeScript, MySQL, Node.js, Prisma

Education

Bachelor's Degree in Software Engineering

UNINTER 02/2024 - 12/2027

- Relevant Topics: Requirements Analysis, Object Orientation, Mobile Design, Figma & Prototyping, Scrum

Complementary Courses

- **Cod3r Fullstack** (2022–2023): React, Next.js, Angular, Vue, Express, JavaScript ES6
- **B7Web Multi-Tech** (2024–2025): HTML, CSS, TypeScript, Git Flow, Docker, Tailwind, Node.js
- **Google** Cloud Foundations, **Cisco** Cybersecurity, **Books**: Clean Code, Python Crash Course, Version Control with Git and GitHub

Soft Skills

- Teamwork
- Good communication
- Willingness to learn
- Adaptability
- Deadline management
- Agile development