Tobías Vallejos

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Summary

Full-stack developer focused on the design and development of scalable web applications. Currently in his third year of Systems Engineering. Passionate about creating efficient, secure, and well-documented solutions.

Professional experience

Yoizen - Full Stack Developer   Jan 2023 - Jul 2024

Development and maintenance for ySocial, an omnichannel platform for managing customer service on social media and digital channels.

- Implementation and maintenance of features in C#, Angular, and JavaScript.
- Integration with SQL Server to manage interactions between users and agents.
- Optimization of the user experience on channels such as WhatsApp, Instagram, and Facebook.

Wirsolut - Internship Backend   Oct 2022 - Dec 2022

Development of a RESTful API for WirTrack, a web platform designed to optimize logistics management and security in freight transport.

- Design and construction of endpoints for recording and querying travel routes.
- Data validation with Zod and integration with PostgreSQL using TypeORM.
- Implementation of backend development standards using TypeScript, Node.js, and Express.

Personal projects

JungleChess - Full Stack Developer   Mar 2022 - Present

Web platform for the game Dou Shou Qi, created as a team as part of the Final Project.

- Comprehensive development of the site with a focus on multiplayer experience.
- WebSockets implementation for real-time games.
- Game logic design, user authentication, and game persistence in SQL Server.
- Application of patterns and modern development with TypeScript, React, Node.js, and Express.

Education

National Technology University (UTN FRBA)   2023 - Present
- Systems Engineering

ORT Almagro High School   2017 - 2022
- High school's degree in web and mobile application design and development

Technical skills

- **Development of RESTful APIs:**
  - **JavaScript with Node.js and Express:** Creating HTTP servers, managing routes and middleware, error handling, database integration, and modular structuring.
- **Programming languages**: JavaScript, TypeScript, Python, C++, C#.
- **Frameworks & Libraries**: React, React Native, Angular, .NET, Express.js, Next.js.
- **Databases**: SQL Server, PostgreSQL, MongoDB.
- **Development tools**: Git, Postman, Swagger, Docker.
- **Design & Management**: Figma, Trello, Azure DevOps, Slack.