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Backend Developer | **Node.js** • TypeScript • React

Professional Summary

Full Stack Developer with experience in backend development using **Node.js** and **TypeScript**, and frontend development with **React**.

Skilled in building **REST APIs**, **authentication systems**, and real-time applications using **WebSockets**.

Experience working with **Docker-based** environments and integrating external services.

Currently based in **Italy**.

Technical Skills

- **Frontend** – React, Next.js, HTML5, CSS3
- **Backend** – Node.js, Express, REST API, WebSockets
- **Languages** – Python, TypeScript, JavaScript
- **Database** – PostgreSQL, MySQL, MongoDB
- **Tools** – Git, Docker, Postman, CI/CD
- **Concepts** – API Integration, Real-time systems, Authentication (JWT), Scrum

Work Experience

Alpha Digital, Brazil

Backend Developer Intern

04/2025- 10/2025

During my internship at Alpha Digital, my main responsibility was implementing and maintaining automated tests using Jest to validate the functionality of backend services and ensure application reliability. I worked closely with the development team to verify business logic and detect potential issues during the development process

Alpha Lumen, Brazil

Robotics Teacher

01/2021-10/2025

I introduced students to robotics, programming concepts and problem-solving techniques. I organized hands-on workshops and guided students through technical projects and robotics competitions, helping them develop logical thinking, teamwork and engineering fundamentals. This role strengthened my communication, mentoring and leadership skills.

Embraer, Brazil

Mechanical Engineer Intern

01/2017-01/2018

During my internship at Embraer, I worked in the aircraft maintenance area supporting operational activities. My responsibilities included analyzing technical drawings, preparing and cutting components for maintenance tasks, and assisting the team in daily technical operations.

Projects

EasyBarber — Web Application

Full Stack application for barbershop management.

EasyBarber is a full-stack web application for barbershop management designed to streamline scheduling and customer management. The frontend was built using React and TypeScript, while the backend was developed with Node.js and Express.

The application includes REST APIs, authentication mechanisms using JWT, and protected routes to ensure secure access to user data. It connects to a database to manage users, appointments and service data, focusing on improving usability and operational efficiency.

Backend logic was structured to handle business rules and API integrations in a scalable and maintainable way.

Liars Bar – Real Time Chat Application

Real-time messaging application using WebSockets.

Liar's Bar is a real-time multiplayer card game designed for up to four players, with interactive features and dynamic data updates, where users can create and join game rooms and interact simultaneously during gameplay.

The application includes a real-time chat system and synchronized game state, implemented using Node.js and WebSockets to handle multiple concurrent connections and real-time communication.

An event-driven approach was used to manage player interactions and game events, ensuring consistency and responsiveness during gameplay.

Education

Web and Python Development Program, (2024-2025), Alpha EdTech, Brazil

Bachelor's Degree in Mechanical Engineering, (2014-2021), ETEP, Brazil

Languages

Portuguese: Native

English: B2

Italian: B1