

Vitor Pereira de Oliveira, 24 years old

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PROFESSIONAL SUMMARY

Full Stack Developer with 2 years of professional experience, focusing on robust backend architectures (Node.js, JavaScript, Java/Spring Boot) and frontend development (React.js, Next.js). Seeking an opportunity as a Full Stack Developer or Software Engineer.

TECHNICAL SKILLS

- **Languages:** JavaScript, Java, HTML, CSS, SQL, Python
- **Backend:** Node.js, Express, Spring Boot, Spring Data JPA (Jakarta Persistence), Hibernate, REST APIs
- **Frontend:** React.js, Next.js, EJS, Three.js, React Three Fiber/Drei, TailwindCSS, Framer Motion, Aceternity UI, Magic UI
- **Databases:** MySQL, MongoDB, PostgreSQL, Oracle, Cassandra, Redis, Drizzle (ORM)
- **DevOps & Tools:** Git, Docker, Maven, Flyway, Vite, Jira
- **Security & Validation:** JWT (jsonwebtoken), Helmet, CORS, Zod, bcrypt/Argon2, Jakarta Mail, Stella

PROFESSIONAL EXPERIENCE

Full Stack Developer & Project Lead - Intern | Sollo Investimentos (June 2024 – Present)

- **Project Leadership (API SST):** Led the company's main backend project (API SST), from solo conception to current collaboration with another developer.
- **Security Architecture:** Completely restructured the security architecture, implementing authentication and authorization with JWT (Access/Refresh Tokens) and RBAC (Role-Based Access Control).
- **Backend Development:** Implemented security enhancements (Helmet, CORS, Rate Limiting), route protection middlewares, audit trails, password policies, and standardized the MVC/DAO architecture.
- **Full Stack Development:** Acted in both front-end and back-end development for other web systems in the financial market, including creating responsive layouts, views, modals, and visual components.

- **API Integration:** Configured routes and endpoints (Node.js/Express) for front-end integration, displaying and manipulating real-time financial data.
- **Validation & Persistence:** Implemented robust data validation with Zod and data persistence in MySQL using Drizzle ORM.
- **Management and DevOps:** Managed project tasks in Jira, handled version control with Pull Request (PR) reviews, and maintained systems on internal company servers.

School Monitor - Intern | Escola Municipal Pró-Infância Maria Marta Machado de Almeida
(June 2021 – July 2022)

- Supervised pedagogical and inclusive activities, focusing on children with Autistic Spectrum Disorder (ASD).
- Provided direct assistance in the development of logical activities, contributing to the educational and social inclusion of students.

Stockist - Intern | Ipamáquinas - Comércio e Serviços LTDA (February 2016 – March 2017)

- Managed inventory and monitored the organizational system.
- Controlled bill payments and delivery of pouches.

KEY PROJECTS

Project: ConnectSphere (Next.js & Prisma)

- Developed a web platform for managing networking groups with modules for registration, token-based invites, authentication, and referrals.
- Implemented a REST API with Next.js Route Handlers for Applications, Invites, and Referrals with business rules (RBAC ADMIN/MEMBER).
- Managed persistence with Prisma and SQLite (migrations and seed), handling User/Member/Referral relationships.
- Built the front-end with React/Next.js, Server/Client Components, forms, and UI with Tailwind; implemented server-side route protection (headers + redirect).
- Handled authentication with Better Auth (database sessions) and simple RBAC.
- **Stack:** Next.js, React, TypeScript, Prisma, SQLite, Better Auth, Tailwind CSS.

Project: TeraMusique (Java & Hibernate)

- Developed a RESTful API for managing music therapy sessions.
- Focused on simplified persistence with Hibernate, schema versioning (Flyway), and automated testing (JUnit).

- Implemented graphical interfaces using Swing.
- **Stack:** Java, Java Swing, JPA Hibernate, Flyway, JUnit, Lombok, Maven.

Project: HotelPet (Java & Hibernate)

- Participated in the team-based development of a backend application for managing pet lodging.
- Worked on domain modeling, implementing business rules, and data persistence with Hibernate and MySQL.
- Integrated functionalities such as email sending (Jakarta Mail) and data validation (Stella).
- **Stack:** Java, Swing, Hibernate, MySQL, Maven, Lombok.

EDUCATION

Bachelor's Degree in Computer Science

IF Sudeste MG - Federal Institute of Education, Science and Technology of Southeast Minas Gerais - Campus Rio Pomba (February 2019 – September 2025)

CERTIFICATIONS

- **English and Portuguese Monitor (220h)** | NAI - Nucleus for Inclusive Actions at IF Sudeste MG (May 2024 - August 2024)
- **Designer in Marketing Team (30h)** | EmComp - Junior Enterprise (April 2023 - May 2024)

LANGUAGES

- **English:** Fluent
- **Portuguese:** Native