

# JOÃO BERNARDO FERREIRA NETO

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## Professional Experience

### Verzel | Full Stack Developer | Remote | April 2025 – Present

- **REST API Development:** Development and maintenance of RESTful APIs in **Python**, **Java (Spring Boot)** and **NestJS**, ensuring high availability and performance for the cards, customer service and CRM areas using **Oracle** and **MSQL Server** databases.
- **RPA Automation:** Implementation of **Robotic Process Automation (RPA)** processes using **Python** and **Playwright**, automating repetitive tasks and reducing manual processing time.
- **Front-end Development:** Creation of modern and responsive interfaces with **React.js** and **Vite**, implementing reusable and optimized components for user experience.

### Take | Full Stack Developer | On-site | May 2023 – April 2025

- **Development Leadership:** Mentoring junior developers, conducting code reviews, organizing technical meetings and resolving team conflicts.
- **Full Stack Developer:** Experience with front-end in **React** and back-end in **Java**, including integration with **AWS**, **RabbitMQ** and **micro-services** architecture.
- **Legacy Systems Maintenance:** Maintenance and bug fixing of legacy backoffice in **Angular**.
- **Technical Documentation:** Creation of documentation using **Wiki.js** and **Storybook** to ensure standardization and easy maintenance.
- **Automated Testing:** Implementation of automated tests with **Cypress** to ensure quality and stability of deliveries.
- **Conflict Management and Training:** Conflict resolution, meeting organization and onboarding of new developers.

### Authorify | Full Stack Developer | Remote (USA) | April 2022 - February 2023

- **Full Stack Development:** Creation and maintenance of scalable services using **Node.js**, **TypeScript**, **NestJS**, **React**, **Jest**, **Cypress** and **MongoDB**.
- **REST APIs:** Development of robust RESTful APIs with JWT authentication, data validation and error handling.
- **React Code Modernization:** Refactoring of legacy React code to modern hooks and Context API, improving performance by 30% and facilitating maintenance.
- **MongoDB Database Optimization:** Efficient schema modeling, index creation and complex query optimization, reducing response time by 40%.
- **Test Implementation:** Development of unit tests with Jest and E2E tests with Cypress, achieving code coverage above 85%.
- **Agile Methodology:** Active participation in Scrum ceremonies, planning, dailies, retrospectives and backlog refinement.

### Target Sistemas | Full Stack Developer Trainee | Hybrid | February 2021 - April 2022

- **Front-end Refactoring:** Front-end code refactoring using **Sass** and **BEM methodology**, improving organization, maintenance and visual consistency.
- **Adobe XD Plugin Development:** Creation of custom plugin for Adobe XD using JavaScript, facilitating designer workflow and reducing prototyping time.
- **CRUD Applications:** Development of complete CRUD applications with **Express**, **TypeScript** and **SQL/NoSQL** databases.

- **Angular Interfaces:** Design and implementation of responsive interfaces using **Angular, RxJS** and **Angular Material**.
- **Mobile Development:** Development of cross-platform mobile application with **Flutter**.
- **Large-Scale Project:** Contribution to enterprise system with complex functionalities: creation of custom surveys, task management with Kanban board built with Angular, real-time route tracking with Google Maps API, and automatic analytical report generation in PDF/Excel using TypeScript.

## Technical Skills

**Programming Languages:** Python, JavaScript, TypeScript, Java, GDScript, SQL, PL/SQL, CSS3, Sass.

### Frameworks & Libraries

**Back-end:** NestJS, Node.js (Express), Spring Boot, Flask, FastAPI.

**Front-end:** React.js, Angular, Astro, Bootstrap, Material UI, Antd.

**Mobile:** Flutter.

**Testing:** Jest, Cypress.

**Databases:** Oracle Database, PostgreSQL, MySQL, MongoDB, Redis, Database Design, Query Optimization, Performance Tuning, Data Modeling.

**DevOps & Cloud:** AWS (EC2, S3, Lambda, RDS, CloudWatch), Docker, CI/CD, Git, GitHub, Azure, Nginx, Linux, Vercel, Netlify.

**Automation & Integrations:** RPA (Robotic Process Automation), Playwright, Redis Queue, RabbitMQ, RESTful APIs, Microservices, Architecture, Message Queues.

**Tools & Methodologies:** Agile/Scrum, Jira, Confluence, Storybook, Wiki.js, Swagger/OpenAPI, Postman, System Design, Object-Oriented Programming (OOP), SOLID Principles, Clean Code, Design Patterns.

## Education

- **FATEC Ribeirão Preto** | Systems Analysis and Development | 2019 - 2025