

# Guilherme Luiz Maia Pinto

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## Resume

Full-Stack Engineer with over 5 years of experience, specializing in building robust applications with **Node.js** and **TypeScript**. While my primary focus is back-end development, I also have experience with front-end technologies, particularly **ReactJS**, as part of my expertise in the **MERN** stack (**MongoDB**, **Express**, **ReactJS**, **Node.js**). I have a solid foundation in **distributed software architecture**, strengthened by a specialization at PUC Minas.

Skilled in **AWS**, where I develop secure and scalable solutions using services such as **EC2**, **ECS**, **Lambda**, and **S3**. I also have hands-on experience with **CI/CD** pipelines using **Jenkins** to streamline deployment processes, as well as containerization expertise with **Docker** and **Docker-Compose** for efficient and consistent development environments. My knowledge of cloud computing enables me to design and maintain applications that meet complex performance and security needs.

I'm a professional committed to continuous learning and always open to exploring new technologies. I value teamwork, transparent communication, and the pursuit of solutions that add value. My flexibility and eagerness to grow allow me to tackle challenges effectively and contribute to business success.

## Work History

### Senior Software Engineer

**Acklen Avenue, Nashville, TN, United States Apr-2025 – Current** - Acklen Avenue empowers companies through agile digital transformation, delivering custom software solutions that help businesses scale, innovate, and accelerate time-to-market with high-quality MVPs and development teams.

I am currently part of the FortressOS team, where we are revolutionizing the real estate technology sector by building a robust platform focused on enhancing operational efficiency for property management. Our architecture is built on microservices, leveraging modern technologies such as Node.js and React to deliver scalable and reliable solutions.

Technologies and tools: Node.js · TypeScript · MongoDB · AWS · Docker · OpenSearch · Fern

### Back End Engineer

**Mercafacil, Curitiba, Brazil July-2022 – Current** - Mercafacil transforms retail by helping retailers understand consumer behavior and optimize sales through strategic insights using CBM, big data, and geolocation.

I am currently part of the Phygital team, where we are migrating our e-commerce infrastructure from a monolithic to a microservices architecture. During this period, I have contributed to two major projects that enhanced the system's modernization and scalability, applying expertise in observability and event-driven architecture alongside development.

- **Retailer Login Centralization** Retailer Login Centralization: I collaborated on creating a microservice to unify customer login across two distinct products: the offers club and e-commerce. Previously, each product required separate logins, leading to a fragmented customer experience. With the new unified login system, customers can access both platforms seamlessly. To ensure reliability and continuous monitoring, I implemented observability practices that allow for real-time issue detection and resolution.

- **Product Logic Unification:** I was part of a challenging project to centralize all product logic within a single microservice. Previously, product logic was scattered across various parts of the system, each with specific rules. In this project, we applied event-driven architecture to synchronize product updates across services and monitored system integrity with observability tools. The result was a more efficient and scalable architecture that better served business needs.

In addition to these projects, I have made occasional contributions to the e-commerce system, supporting performance improvements and service integrations.

Technologies and tools: Node.js · TypeScript · MongoDB · Python · GoLang · Grafana · Apache Kafka · Docker · PostgreSQL

### **Full Stack Engineer**

**Pixter, São Paulo, Brazil March-2022 – June-2022** - Pixter drives digital transformation for leading clients worldwide, partnering with names like Amazon, Google, and Samsung. Join us—we're always seeking exceptional talent to push innovation forward

Although my time at this company was brief, I contributed to a car rental project, focusing on both the development of new features and maintaining the existing system.

- **Car Rental Project:** I contributed to the development and maintenance of a car rental platform, focusing on enhancing system responsiveness and scalability through event-driven architecture. My work spanned backend development, frontend integration, and cloud-based deployment to ensure a seamless user experience.

Technologies and tools: Node.js · TypeScript · MongoDB · PostgreSQL · RabbitMQ · Docker · Google Cloud Platform (GCP) · JavaScript · Redis

### **Full Stack Engineer**

**EWZ Capital, São Paulo, Brazil March-2021 – March-2022** - EWZ Capital is one of the largest investment advisory firms in the country. We serve both individuals and businesses, providing the best financial solutions for all types of investors.

During my time at this company, I contributed to the development and evolution of a centralized hub that provided various functionalities to support our main clients, investment advisors. My responsibilities ranged from creating new features to maintaining and improving existing ones, ensuring a seamless and efficient user experience.

- **Real-Time Chat Development:** I participated in the creation of a real-time chat system that facilitated swift and secure communication between consultants.

- **Scalability and Migration to Microservices:** As the system grew and expanded its functionalities, I was involved in dividing the hub into microservices, enabling modular scalability and more efficient maintenance with isolated impact on individual functionalities.

- **Comprehensive Software Lifecycle Experience:** In this role, I had the opportunity to engage in every phase of the development cycle, from planning and design to implementation, deployment in cloud environments, testing, and continuous maintenance.

- **Serverless Exploration:** I contributed to the creation of a serverless architecture, allowing me to deepen my knowledge of this architectural style and its advantages in terms of scalability and cost-effectiveness.

Technologies and tools: Node.js · TypeScript · AWS · MongoDB · PostgreSQL · RabbitMQ · Docker · JavaScript · Redis

## **Full Stack Engineer**

**Personal Contracts, São Paulo, Brazil March-2020 – March-2021**

During this period, I contributed to three key projects (three contracts):

- **Process Automation Script for Online Store:** Developed a Python script that automated essential processes by downloading and organizing images from the store into specific folders, optimizing time and operational efficiency for the client.

Technologies used: Python

- **JavaScript to TypeScript Migration for Inventory Management System:** Migrated a JavaScript-based inventory and sales control website to TypeScript. This change supported the client's plan to scale the team by creating a more maintainable and structured development environment.

Technologies used: JavaScript / TypeScript, PostgreSQL, ReactJS

- **Telegram Bot Development for Customer Registration Automation:** Created a Telegram bot for a sales system that automated customer registrations, streamlining and saving client information directly into their existing database.

Technologies used: JavaScript / TypeScript

Technologies and tools: React.js · Node.js · PostgreSQL · JavaScript · Python

## **Academic Education**

(03-2023 - 03-2024) Postgraduate Specialization, Distributed Software Architecture - PUC Minas, Bebedouro, Brazil

(02-2019 - 11-2022) Bachelor, Information Systems - UNIFAFIBE, Bebedouro, Brazil

## **Languages**

English – Level Intermediate

Portuguese - Level Native

## **Certifications**

November-2024 – Apollo GraphQL - Graph Developer Associate

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