Leonardo Augusto Teixeira
Software Engineer
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Profile

Mensa member and senior full-stack developer with more than five years of experience in building from mobile and web to infra, database and API. I have a strong product focus and a passion for creating user-friendly and scalable solutions. I have also won an award for the project with the best tax deduction in 2022 at ExxonMobil and have made multiple presentations for more than 200 participants on various topics related to product solutions that I have built.

Experience

BrainRocket Portugal October 2025 — Present
Senior Backend Developer

- Redesigned and implemented a fully compliant production environment for the New Jersey online gaming market, including backend development in Rust(Platform) and Typescript(Back-office), full system restructuring to isolate infrastructure in an NJ-approved data center, creation of a separate CMS instance with content migration and enhancements to Platform V3 (NR2) to support multi-instance content sourcing and jurisdiction-specific configuration.
- Designed and implemented a comprehensive dormant account management system to ensure full compliance with New Jersey DGE regulations. Including development of configurable inactivity detection logic based on multiple players actions (login, deposit, bet settlement, etc.) automatic account suspension after defined inactivity period, balance removal mechanisms (manual and automated) with currency conversion and minimum threshold handling, email notification integrations via SendGrid with templating support and creations of new transaction types to isolate balance forfeitures from standard withdrawals; contributed to system-wide updates across account reporting modules and enabled auditing capabilities.

BrainRocket April 2025 — October 2025
Senior Backend Developer

- Developed and integrated a Responsible Gaming (RG) trigger to detect deposit declines due to insufficient funds, enabling accurate activation of RG interventions by implementing logic to trac and count only declines explicitly marked transactions, supported both dynamic and lifetime tracking modes, ensured real-time recalculation aligned with updated parameters.
- Led the integration of Miracl's password-free, PIN-based authentication system to enhance platform security, user experience and regulatory compliance, integrating Miracl's secure API with MFA base on zero-knowledge proof; supported cross-platform functionality (web and mobile), PIN setup during registration, secure recovery mechanism and fallback options. Resulting in improved login success rates (>99%), significant reduction in password-related helpdesk tickets and alignment with GDPR and PSD2 authentication standards.

Visa December 2023 — April 2025
Senior Backend Developer

- Contributed to the pivotal Axa Critical Restructure, initially pinpointed by the LAC region during their meticulous testing process. This essential restructure was instrumental in modifying the fundamental relationships among the various entities within the VDBP and VCES platforms. This enhancement significantly broadened the capabilities for end-users,

providing them with increased flexibility in associating benefits to PANs and other grouping methodologies.
- Played a key role in the deployment of several features for the Visa Digital Benefits Platform (VDBP), engaging in the full spectrum of the development lifecycle. This included contributing to the narrative definition, crafting the code, conducting both unit and integration testing, and overseeing the integration of the feature into the release destined for the end-user.
- Engaged with the Visa Card Eligibility Service (VCES), a parent project of VDBP, in a capacity akin to my role with VDBP. The VCES is tasked with verifying the eligibility of specific targets, such as PANs, for certain benefits, subsequently availing this data to ancillary services. My focus here was to fortify the authentication processes of the platform, thereby enhancing its security framework.
- Identified and mitigated a significant security vulnerability that posed a risk of an XSS attack within certain segments of an API utilized by numerous projects. Following the development and implementation of a remedial solution, my code was incorporated into an expedited hotfix release.

ExxonMobil January 2022 — December 2023
Senior Full-Stack Developer

- Led the development of Operations Logbook, a strategic app for global corporate use.
- Implemented new features for Operations Logbook that boosted app usage by 35%, ranking it as the second most used app in the company.
- Operations Logbook was the eighth-largest Brazilian IT project in 2022.
- Had a project that was approved for a total of 412,244.00 USD tax deduction in 2022, I won an award as the person responsible for the technical side of the project.
- Collaborated with architects to design app features and address infrastructural and security issues.
- Supported the Product Owner in devising a plan for asynchronous communication between our team and another team from Thailand.
- Completed Fast Pass, a massive project, ahead of schedule. This project is projected to generate a $80MM netback for ExxonMobil.
- Improved Process Data backend and infrastructure design to meet new performance requirements for near real-time data access from multiple heavy machinery sensors.

RS Software March 2019 — January 2022
Mid-Level Full-Stack Developer

- Created over 20 cross-platform applications for desktop, mobile and web.
- Migrated several on-premise services to cloud-based solutions, enhancing the company's infrastructure efficiency and scalability.
- Developed an ERP system that supports more than 50 business locations and handles over 3600 clients daily.
- Improved backend performance and reduced infrastructure costs by 23% through code optimization and refactoring.

Pista e Campo February 2018 — March 2019
Junior Full-Stack Developer

- Collaborated with the team on a new design for their marketplace website.
- Developed a plugin for their check-in service that reduced the transport cost by automatically selecting the best company for each package.

Education

Universidade Federal do Paraná — Curitiba, PR

B. S. Computer Science Honors Top 10%

Skills

Frontend

ReactJS Angular HTML5 CSS Redux Zustand React Query TCA TailwindCSS Vue Webpack † Vite † ESBuild † NextJS † Electron ReactNative Jetpack Compose SwiftUI KMM † Remix SvelteKit † Hilt

Communication

REST GraphQL gRPC

Backend

Actix Web NodeJS Express Go(net/http) .NET Core Java Python Apache Spark Kafka

Database

PostgreSQL MySQL Redis Valkey Memcached MongoDB DynamoDB SQLite Pinecone Milvus

Operational

Git Expo Github Actions Fastlane

Infrastructure

AWS Sentry DataDog Azure GCP Terraform Docker Kubernetes Snowflake Databricks Docker Compose Grafana Cloudflare

Programming Languages

JavaScript TypeScript Go Python C# Java Kotlin Swift Rust C/C++ Scala Bash

Languages

English Portugues Spanish

† Used for both back and front end.