

SOFTWARE ENGINEERING · DIGITAL PRODUCT

# Bartech.

Software engineer building systems that move billions, products that scale, and interfaces that convert — from financial back-ends to the app in your user's pocket.

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Shipping software since 2021

**BARTECH**

## WHO IS ON THE OTHER SIDE OF THE CODE

# I build software with the same standard as the person who's *going to use it* — because most of the time, that's me first.

I'm a software engineer working at the intersection of mission-critical financial systems and user-facing digital products. At Itaú Unibanco — one of Latin America's largest banks — I build fixed-income calculators and loan-pricing systems that process **billions of dollars in monthly volume**. The kind of system where a one-cent error is an unacceptable error. In parallel, as founder of **Bartech**, I deliver websites, mobile apps, and SaaS products to clients who need more than a template: a product that sells, scales, and works.

I move comfortably across the stack — Python, Java, C#/.NET, AWS, Flutter, Vue, React — but the language was never the differentiator. Understanding the business problem, translating it into clean code, and shipping on time is. That's how I earned Itaú's "Mérito" recognition, and that's how I've built, since 2021, a portfolio ranging from a travel platform peaking at \$200K in daily transactions to a cross-platform mobile app with generative AI at its core.

If you're reading this, it's because you need someone who delivers. Let's talk.

Metrics from the professional experience of **Tullio Barbosa**, founder of Bartech — personal career achievements, not the company's.

## \$Billions

USD · MONTHLY IN  
FIXED INCOME AND  
LOANS · ITAÚ

## 2×

AWS CERTIFIED  
DEVELOPER + CLOUD  
PRACTITIONER

## Mérito

INTERNAL  
RECOGNITION AWARD  
AT ITAÚ UNIBANCO

## 2021

THE YEAR I STARTED  
SHIPPING SOFTWARE

## SELECTED WORK · 2022 — PRESENT

# Projects.

PREMIUM WEBSITES, MOBILE APPS, AND SAAS PLATFORMS — SHIPPED AND IN PRODUCTION

## 01

OWN COMPANY

### Bartech — IT Services · Since 2021

bartechsoftware.com

FOUNDER

My own software development and web agency, serving clients since 2021. Active company with formal contracts — visual identity, copy, infrastructure, and code delivered under a single brand, so the client receives a product, not a folder of files.

React Vue Flutter .NET Python Node  
iOS · Android

## 02

MOBILE · IOS +  
ANDROID

### Rider — Cross-platform mobility app

site.rider-now.com.br

APP STORE + PLAY

Native iOS and Android app built in Flutter, with maps, real-time geolocation, and a Python backend running in production. Architecture engineered for scale: async queues, caching, federated auth.

Flutter Mapbox Flask PostgreSQL  
Firebase Redis

## 03

SAAS · GENERATIVE AI

### Personal Trainer AI

personaltrainerai.com.br

SAAS

Fitness and nutrition SaaS that generates personalized training and diet plans through generative AI, integrated with recurring payments and user photo analysis. Live subscription model with full billing flow.

Python Flask OpenAI Supabase Stripe  
Firebase

## CONTINUED · SELECTED WORK

## 04

E-COMMERCE /  
CATALOG**Gemmoire Gallery —  
International jewelry**

gemmoiregallery.com

WEB

Multilingual digital storefront for a jewelry gallery, featuring catalog, carousel, and Firebase backend. Typography, micro-interactions, and purchase flow tuned for a high-ticket brand.

React 19

TypeScript

Vite

Firebase

i18next

Swiper

## 05

BRANDING · WEB

**Tower Studio**

towerstudio.com.br

WEB

Brand website for a Brazilian studio, focused on premium presentation. Composed typography, restrained motion, and pacing crafted to project authority.

Vue 3

Vite

Responsive design

## 06

WEB · BRAND

**Super Sopro**

supersopro.com.br

WEB

Brand website with strong visual identity and a fluid experience. Modular structure, performance tuning, and integration with sales channels.

Vue

Vite

Technical SEO

FIVE ROLES · FOUR COMPANIES · ONE CRITICAL SECTOR

# Where I learned to ship.

FROM DATA ANALYSIS TO THE BANK PROCESSING YOUR PIX

The professional path of **Tullio Barbosa**, founder of Bartech. The roles below are from my personal career — the companies where I worked and learned to ship, before and while building the brand.

**Jun 2023 — Present**ITAÚ UNIBANCO  
SÃO PAULO · REMOTE

## Software Engineer

### *Fixed Income & Loan Pricing Calculators*

Build fixed-income calculators and loan-pricing systems processing billions of dollars in monthly volume. Redesigned core architectures to improve scalability and performance, and built auxiliary systems feeding the pricing models.

**Stack:** Python · .NET Core · AWS · Terraform · ★ [Itaú Mérito Award](#)**May 2022 — Jun 2023**BUSON  
SÃO PAULO · HYBRID

## Software Engineer

### *Travel booking platform*

Maintained and evolved a booking platform integrated with dozens of bus carriers, with daily transaction peaks exceeding \$200K. Promoted in under twelve months on the strength of direct impact on throughput and code quality.

**Stack:** Java 8+ · Spring Boot · Jenkins · JPA · REST APIs**Feb 2022 — May 2022**IZAGRO  
REMOTE

## Back-End Developer

### *Agritech*

Built back-end features in Java and Spring Boot for an agribusiness platform, with a focus on integrations and containerized infrastructure.

**Stack:** Java · Spring Boot · MySQL · Docker · Postman**Nov 2021 — Jan 2022**INTERNSHIP  
FRANCA · REMOTE

## Data Analysis Intern

### *Where it all started*

ETL pipelines and exploratory analysis surfacing business trends, with dashboards that supported executive decision-making. The starting point that led me to back-end and engineering.

**Stack:** Python · Pandas · Tableau · Power BI · MySQL

## TECHNICAL CAPABILITIES

# What's in the toolbox.

LANGUAGES, FRAMEWORKS AND PLATFORMS IN ACTIVE USE IN REAL PROJECTS — NOT IN TUTORIALS

## LANGUAGES &amp; FRAMEWORKS

Back-end Python · Java · C#/.NET

Web Vue 3 · React · TypeScript

Mobile Flutter (iOS + Android)

Server Spring Boot · .NET Core · Flask

Data Pandas · ETL · BI

## CERTIFICATIONS

AWS Certified Developer — Associate

AWS Certified Cloud Practitioner

Education Systems Analysis and Development

## CLOUD · DATA · DEVOPS

Cloud AWS · Google Cloud

IaC Terraform

Databases PostgreSQL · MySQL · Redis

Platforms Firebase · Supabase · Stripe

## LANGUAGES

Portuguese Native

English Advanced · professional

## NEXT STEP

Got a project that needs to move from *maybe* to *already shipped*?

## EMAIL

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## LINKEDIN

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## AVAILABILITY

Project-based

## PHONE

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## BASED IN

São Paulo · Brazil