

Mikael Marcenik

Fullstack Engineer

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Summary

Fullstack engineer with 6 years of experience across web, mobile and backend, mainly in **TypeScript** (React, Next.js, Node.js, NestJS), plus **Java/Spring Boot** and **Python**, on **AWS**. Currently designing the architecture of a multi-tenant scheduling platform in Spring Boot. Previously built provider fallback and a referral system that drove around **10% revenue growth** on a regulated betting platform. Open to **remote contract work**, based in Brazil (UTC-3).

Experience

Freelance

Remote

Fullstack Developer

August 2026 – Present

- Built and launched **Dalua.top**, an e-commerce store with customer accounts and **Mercado Pago** payments (Next.js, Drizzle, PostgreSQL, BetterAuth).
- Built a **Next.js** landing page with English localization for **Higher Up**, a company with clients in Europe, the US and Japan; deployed on **Vercel** behind **Cloudflare** and optimized to load in about **1 second worldwide**.

Myp-7 Tecnologia

June 2026 – Present

Fullstack Developer

- Designed the architecture of a **multi-tenant scheduling platform** as the primary developer (**Java, Spring Boot, Hibernate, PostgreSQL, Flyway**).
- Ran a spike comparing database-per-tenant, schema-per-tenant and shared-schema strategies, and implemented **schema-per-tenant** isolation with Hibernate's **CurrentTenantIdentifierResolver** and **MultiTenantConnectionProvider**, keeping client data isolated on a single database.
- Wrote **integration tests** that run CRUD operations against every table to validate manually provisioned tenant schemas before they go live.

Upbet

February 2025 – May 2026

Fullstack Developer

- Built automatic **provider fallback** for casino game integrations during the migration required by **Brazil's 2024 betting regulation**: when a provider was offline, requests were routed to the next available one, keeping games online. Also built a feature to manage providers dynamically.
- Built a **referral system** end to end (**Python + Next.js**) in a two-person team, which drove around **10% revenue growth**.
- Monitored and validated platform features overnight during the migration of **billions of records** from the EU to Brazil.

FaliFe Technology and Innovation

July 2022 – February 2025

Fullstack Developer

- Built and maintained daily automation jobs integrating 3 databases (**PostgreSQL, SQL Server**) with Lecom (BPM platform), DocuSign and Feedz (HR platform) via **REST APIs**, cutting one process from **4 days to 2 hours**.
- Built an asset management system (**NestJS + Next.js**) from scratch for an 8-person team, replacing two spreadsheets for tracking and history across **300+ assets**; reports that took **2–3 days** of manual consolidation now generate in **under a minute**.
- Introduced **unit and integration tests** with **Jest** after repeated regressions whenever Lecom workflows were updated.

Mouts Info

June 2021 – July 2022

Fullstack Developer

- Joined an **AB InBev** project as the only fullstack developer on a 6-person team running a month behind schedule; delivered **React + Express.js** features that brought it back on track within a month.

- Built, solo in 2 weeks, a pipeline importing **millions of Excel rows** into a relational database for a US manufacturing client, using **AWS SQS** for asynchronous batch processing so the API stayed responsive.
- Deployed new microservices to **Kubernetes** and configured their networking alongside the tech lead.

Myp-7 Tecnologia

June 2020 – June 2021

Fullstack Developer

- Started as the only **React Native** developer in a 5-person company and moved to fullstack within a month.
- Built a mobile inventory feature with **QR code scanning** and **voice recognition** for a large wholesale distributor, replacing manual stock counts.
- Built a damage reporting system (**React** + **Spring Boot** on **AWS**) letting warehouse teams track incoming shipments and log damaged products with photos.
- Set up the company's first **CI/CD** pipeline with **Jenkins**.

Skills

Languages

TypeScript, JavaScript, Python, Java

Frontend & Mobile

React, Next.js, React Native

Backend

Node.js, NestJS, Express.js, Spring Boot, Hibernate, Socket.io

Databases

PostgreSQL, SQL Server, MongoDB, Drizzle, Flyway

Cloud & DevOps

AWS (SQS), Docker, Vercel, Cloudflare, Jenkins, GitHub Actions

Testing

Jest, unit and integration testing

Architecture

Microservices, REST APIs, message queues, multi-tenancy

Projects

Collaborative Text Editor

2026 – Present

Real-time collaborative document editor built with the MERN stack (**MongoDB, Express, React, Node.js**). Uses **Yjs** (CRDT) over **Socket.io** to merge concurrent edits without conflicts, with CI on **GitHub Actions**.

[Live demo](#)

Education

Universidade Paulista

Bachelor's Degree

Computer Science

2020 – 2024

ETEC (State Technical School of São Paulo)

Technical Education

Information Technology Technician

2017 – 2019

Languages

Portuguese

Native

English

Fluent