

Matheus Fischer

Senior Software Engineer | React · React Native · Next.js · Node.js · TypeScript

Blumenau, SC, Brazil · Open to remote roles in US and EU time zones · Fluent English

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PROFESSIONAL SUMMARY

Software Engineer with 8+ years building and shipping web and mobile products end to end. Specialized in React, React Native, Next.js and Node.js, with production workloads on AWS and Azure. Former tech lead of a product squad running Scrum delivery. Currently building AI-powered features — semantic search with embeddings and vector databases — and integrating AI coding agents into team workflows. Founder of two published mobile apps on the App Store and Google Play.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, SQL, PHP, HTML5, CSS3

Frontend & Mobile: React, Next.js, React Native, Angular, Vue.js, Gatsby, Redux, Apollo Client, responsive design, SSR/SSG, web performance, SEO

Backend & APIs: Node.js, Express, REST APIs, GraphQL, authentication (JWT/OAuth), microservices, Supabase

Data: PostgreSQL, SQL, data modeling, query optimization, Pinecone (vector database)

Cloud & DevOps: AWS, Azure, Azure DevOps, Vercel, Railway, CI/CD pipelines, Git/GitHub

AI: Embeddings, semantic search, RAG, LLM-powered features, AI coding agents

Testing & Practices: Jest, unit testing, code review, Agile, Scrum, OOP, functional programming, technical leadership, mentoring

PROFESSIONAL EXPERIENCE

Senior Software Engineer — BEON Tech

Buenos Aires, Argentina (remote) · Feb 2022 – Present

- Build and maintain the marketing website of an international B2B company in Next.js, owning performance, SEO and scalable content delivery across roughly 900 pages of blogs, case studies and event content.
- Designed and shipped the product's AI semantic search using embeddings and Pinecone, replacing keyword search with vector-based retrieval across the full content library.
- Introduced AI coding agents into the team workflow, cutting turnaround on repetitive frontend and content tasks.
- Automated the staging-to-production publishing pipeline for dynamic content in Acoustic Content (WCH), removing manual release steps and reducing publishing errors.
- Collaborate daily in English with a distributed team across Latin America and the United States.

Stack: Next.js, React, TypeScript, Node.js, Pinecone, Vercel, Acoustic Content (WCHTools), GitHub

Freelance Software Engineer — BE1 Tecnologia

Brazil · 2023 (concurrent freelance project)

- Delivered end to end a React Native field-service app for maintenance tickets and consumables ordering on industrial tobacco-drying machines.
- Built the mobile app, Node.js REST API, PostgreSQL data model and AWS infrastructure as the sole engineer on the project.
- Enabled field technicians to open and track service tickets on site and customers to reorder parts directly from the app, replacing a phone-and-spreadsheet process.

Stack: React Native, Node.js, PostgreSQL, AWS

Tech Lead — Mout's Soluções em TI

Blumenau, SC, Brazil · Mar 2020 – Feb 2022

- Led a squad of 4 engineers delivering iOS and Android apps plus internal web systems for an international beverage company.
- Owned technical decisions and architecture across React Native, ReactJS and Angular front ends backed by Node.js services on Azure and PostgreSQL.
- Ran delivery with Scrum — sprint planning, estimation, code review and release management — and mentored mid-level and junior developers.

Stack: React Native, ReactJS, Angular, Node.js, Azure, PostgreSQL

Frontend Instructor (part-time) — Apex Ensino

Blumenau, SC, Brazil · Mar 2021 – Jun 2021

- Taught a 6-student cohort the full frontend track, from HTML, CSS and JavaScript fundamentals through React, Angular and Vue.js.

Software Developer — Selgron

Blumenau, SC, Brazil · Dec 2018 – Mar 2020

- Built operator interfaces for industrial packaging machines, integrating an embedded PHP layer that commanded PLCs (Programmable Logic Controllers).
- Delivered web and mobile front ends in Angular, ReactJS and React Native against Node.js and SQL back ends.
- Helped introduce Scrum across the engineering department.

Junior Software Developer — Automatisa Laser Solutions

Florianópolis, SC, Brazil · Mar 2018 – Nov 2018

- Developed software for a laser-cutting product that used computer vision to cut sublimated fabric on roll.
- Supported the company-wide rollout of Agile practices.

PRODUCTS & SIDE PROJECTS

Founder & Software Engineer — Dufit — dufit.app

2026 – Present · Live on the App Store and Google Play

- Built and shipped a React Native app connecting personal trainers and their students: trainers create workouts and weekly plans, students execute with a rest timer and log load, reps and progress.
- Owned the full product: mobile app, Node.js API, PostgreSQL database, AWS infrastructure, subscription billing and Next.js marketing site.

Founder & Software Engineer — DuoBaby — duobaby.com.br

Launching Sep 2026

- Built an offline-first React Native app to track a baby's routine — feedings, sleep and reports — with conflict-safe sync across multiple caregivers.
- Shipped localization in English, Portuguese and Spanish, PDF/CSV export and a premium subscription tier on Supabase and Railway.

EDUCATION & CERTIFICATIONS

MBA, Business Administration — Fundação Getúlio Vargas (FGV) · Expected 2027

Bachelor's Degree, Mechatronics Engineering — Federal Institute of Santa Catarina (IFSC) · 2013 – 2018

Frontend Developer Program (360h) — Apex Ensino · 2019

Rocketseat Bootcamp — React, Node.js and Jest

Industrial Automation Technician — SENAI-SC · 2011 – 2012

LANGUAGES

Portuguese — Native · English — Fluent (professional working proficiency)