

Pedro Gritter

Front-End & Full-Stack Engineer

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SUMMARY

Front-end engineer with 7 years of experience shipping React/Next.js/TypeScript applications at scale. Three legacy-to-modern migrations led with full ownership, products still live serving millions of users. Strong product sense — A/B testing, conversion optimization, and business outcomes (€100K+ ad revenue). Currently bridging frontend expertise with applied AI engineering through open-source projects and production RAG systems.

EXPERIENCE

Senior Front End Engineer — CGI (Client: Rossmann)

Aug 2025 – Present · Remote / Germany

- Building Next.js + AEM storefront for one of Germany's largest retail chains, replacing legacy HYBRIS system — complex product catalog UI with dynamic CMS-driven content
- Owning feature delivery end-to-end: technical investigations, architecture proposals, implementation, and multi-stage deployment (DEV → STAGE → PROD)
- Third legacy-to-modern migration in career, demonstrating repeatable pattern expertise in enterprise environments

Stack: Next.js, React, TypeScript, AEM

Front End Engineer — ESL / FACEIT Group

Jan 2022 – Mar 2024 · Cologne, DE → London, UK

- Led end-to-end revamp of FACEIT landing page — still live, serving millions of monthly users. Owned design collaboration, implementation, and performance optimization
- Built CSGO HUB companion platform from scratch and social features (player profiles, content sharing, friend connections) — drove product decisions through A/B testing and user research
- Architected migration from monolith to hybrid architecture with feature flags; built component library and Storybook documentation as team-wide standard
- Improved frontend performance and load times; built clean API integration layer for backend data contracts

Stack: Next.js, React, TypeScript, Redux, Storybook, Feature Flags

Full Stack Developer — Aptoide

Aug 2019 – Nov 2021 · Lisbon, Portugal

- Led ground-up AngularJS → React/Next.js/TypeScript migration for alternative Android app store serving millions of monthly users — two-person team, full ownership
- Drove €100K+ in ad revenue through systematic A/B testing and data-driven campaign optimization
- Mentored 2 junior developers and built structured onboarding system that cut ramp-up time significantly
- Optimized for mobile-first performance on low-bandwidth connections — real-world constraints driving engineering decisions

Stack: React, Next.js, TypeScript, Redux, Styled Components

PROJECTS

RAGForge — Open-Source RAG Platform

2025 – Present · github.com/pedrogritter/ragforge

- Built end-to-end RAG chatbot template: hybrid retrieval (pgvector cosine + full-text + RRF), multi-provider LLM orchestration (OpenAI/Anthropic/Google), streaming UI, runtime configuration without redeployment
- Production-grade quality: 80 unit tests + 19 E2E tests, content moderation, rate limiting, input validation

Stack: Next.js 15, React 19, TypeScript, tRPC, PostgreSQL, pgvector, Drizzle ORM, Docker



TECHNICAL SKILLS

CORE FRONTEND

React Next.js TypeScript JavaScript
Redux Zustand

STYLING & UI

Tailwind CSS Styled Components
CSS Modules Storybook

BACKEND & DATA

Node.js Python tRPC REST
PostgreSQL Drizzle ORM

AI & ML

Vercel AI SDK OpenAI API Anthropic API
pgvector RAG Pipelines Embeddings
Prompt Engineering

TESTING & QUALITY

Jest Cypress A/B Testing Feature Flags

INFRASTRUCTURE

Docker Git CI/CD Linux

LANGUAGES

English

Native



Portuguese

Native



Dutch

Proficient



Spanish

Advanced



EDUCATION

BSc Computer Science

University of Lisbon | Faculty of Sciences

Minor in Geographical Information

University of Lisbon | Faculty of Sciences

Audiovisual & Multimedia

Restart Creative School