Miguel Almeida

FRONTEND ENGINEER • PRODUCT ARCHITECTURE • DESIGN ENGINEERING

I build the interfaces teams rely on when seconds matter.

At F24, I led the frontend team behind the company's first shared AI service. I also reduced recipient-loading API requests by 75% (four to one), expanded regression test files 10x from 3 to 30, and contributed to a 7,000+ passing-test frontend suite. My scope spans architecture, business logic, resilient interactions and release quality.

LinkedIn
open link

GitHub
open link

Portfolio
open link

Email
open link

5,500+
CUSTOMER REACH
customers worldwide

75%
FEWER API REQUESTS
Recipient loading: 4 → 1

10x
REGRESSION TESTS
test files: 3 to 30

7,000+
AUTOMATED TESTS
across 954 test files

EXPERIENCE

F24 Software Engineer | Frontend & Product Systems

Berlin • Aug 2022 - Present

- Led the frontend team for F24's first shared AI service, delivering reusable frontend capabilities for the company's products.
- Reduced recipient-loading API requests by 75% (four to one) during the migration of major workflows from Svelte to React.
- Built enterprise alerting workflows from product mockups to production, shaping architecture, business rules, typed API contracts and interaction states.
- Extended automation configuration to support both Alarm and Incident actions, with tenant-specific schemas, permissions and backward compatibility.
- Kept delivery moving through the React migration, coordinating shared UI patterns with Product, Design, Backend and QA.
- Expanded regression test files 10x (3 to 30) and authored 2,000+ automated checks, contributing to a suite with 7,000+ passing tests across 954 files.

Freelance Frontend Developer

Independent • Berlin • 2021 - 2022

- Built responsive client-facing products independently, translating UX decisions and product requirements into production frontend code.
- Owned interface implementation, interaction details and iteration from early concepts through maintainable delivery and handoff.

SELECTED ENGINEERING WORK

Needle

Semantic search • React 19 • TypeScript • Web Workers

Built hybrid HNSW/exact search for 10,000 Met artworks, with virtualized results, responsive images and end-to-end deployment.

Second Voice

AI writing product • Next.js • React • TypeScript • Supabase

Built a writing editor with original/rewrite comparison, schema-validated AI routing, recoverable request states and privacy-aware telemetry.

Leu

Native PDF study app • Swift • SwiftUI • PDFKit

Built a local-first native reader with source-grounded explanations, active recall and structured study interactions.

CORE SIGNALS

Product engineering
UI + business logic

Frontend architecture
boundaries + contracts

Security + resilience
high-stakes workflows

Design systems
tokens + reusable UI

AI interfaces
validated workflows

STACK

React • TypeScript • JavaScript • Svelte • Next.js • Tailwind • Playwright • Vite • Docker • GitLab CI • Figma • Supabase

EDUCATION

Professional Diploma in UX Design
UX Design Institute • Aug 2021

Full-Stack Web Development
CareerFoundry • 2021

LANGUAGES

Portuguese • Native

English • Fluent

Spanish • Fluent

RECOMMENDATION

"Miguel takes full ownership of his tickets from start to finish and completes tasks without supervision. He manages his workload independently and reliably."

Richard Nespithal
Previous team lead