



Fábio Ferreira

 (+351) 912981069
 fabioferreira.dev
 [GitHub profile](#)
 ffcfpten@gmail.com
 Braga, Portugal

Who I am

Self-motivated, autonomous and easy to work with full stack software engineer with a wide range of skills and experience on different technologies. My greatest strength is that I move and learn fast, always with the end customer satisfaction as my ultimate goal. Always on the lookout for techniques to write better, more scalable software, with expertise on performance optimisation and DevX. Strongest technologies are TypeScript, React, React Native, Node.js, Nest.js, Vue.js and Golang.

Experience

Software Engineer II (L3), Threads Styling (Remote)

OCT 2022 - SEP 2024

Key achievements:

- Led an initiative introducing cached pagination & subscriptions in apps relying on Nest.js GraphQL APIs **reducing network requests by 95%** while improving user experience on the mobile/web applications due to no use of loading animations. Hosted a tech talk about Apollo cache & performant cached pagination.
- **Responsible for leading technical plannings & implementation of Nestjs GraphQL microservices.** For example, facilitated the backend development for a platform focused on sourcing rare products. This allowed me to demonstrate great agility with the tech stack & system design, ultimately helping the business generate £400k sales/year in that project alone.
- **Directed tech debt initiatives (Node and Expo rolling upgrades)** across the whole product suite. Optimised component library build process resulting in a 16x speed increase (3m30s to 13s of build time) and a much better DevX.
- **Lead maintainer of UI component library** and one of the lead engineers across all internal tools (APIs & SDKs and dev tools) written in TypeScript (React + Node).
- **Raised awareness about tech industry standards** and changes through a dedicated Slack channel, nicknamed "Fabio's tech corner". Fostered use of Redis to cache expensive database queries while providing the users with most used options in our internal forms.

Software Engineer (L2), Threads Styling (Remote)

APR 2021 - OCT 2022

Key achievements:

- Shipping quote leakage: developed a flat-rate shipping GraphQL API to **reduce business leakage from 1% of the monthly revenue to 0.0001%** (£30k to £300).

Skills

Overall:

Microservices; Event driven;
Performance optimisation;
Dev tools; Scalability; Reliability
REST; GraphQL; TypeScript;

Technologies on the frontend:

React; React Native; NextJS;
Vue; NuxtJS; TailwindCSS;

Technologies on the backend:

Web Sockets; Kafka; Golang;
AWS; NodeJS; NestJS;

Databases and datastores

Postgres; MySQL; DynamoDB;
Redis; Firestore; MongoDB;

Testing:

Jest; E2E tests; Integration tests;

Strengths

Easy to work with; Dedicated;
Resilient; Adaptability; Curious;
Team player; Move and learn
fast

Open source

- [Caddy Windows Service](#)
- [Tripauthor](#) (git hook to add co-authors to ongoing commits)
- [Trackovid](#) (open-source COVID tracker by post code)
- [Tools4edu](#) (IT tutorials website for teachers during

- **Optimise CI/CD environment workflows and unit tests execution time by over 50%** leading to a much shorter wait time to go live with very important bugfixes.
- Maintaining internal product catalogue used by over 80 internal users that contributed with more than £32M in sales since I joined Threads.
- **Led webapp development of self-checkout integration into the internal product catalogue** for VIP clients & affiliates that Threads collaborates with (React & React Native), ultimately resulted in £300k in sales yearly. Played a key role in the integration with Stripe payments.
- Maintaining internal UI component library (React & React Native) as the business grew, with both internal & external products featuring a different UI design system & language. Optimised webpack & build workflow, **resulting in 35% reduction in build time.**
- Introduced company-wide ORM (Prisma) through Nest GraphQL microservice template of which I was the main contributor
- Development of internal APIs & SDKs for GraphQL microservices.

Software Engineer, Freelance (Remote)

AUG 2016 - MAR 2021

As a solo freelance software engineer, I was very dedicated at finding the most promising businesses that I could empower with my technical skills. I also worked with both internal and freelance designers to come up with the most neat and usable UI.

Key achievements:

- Pulled through a complete rebranding of [GoParity](#) (HTML+CSS) online investing platform in under 2 months ahead of WebSummit investors pitch. Today they are the number 1 crowdlending platform in Portugal with over €35M lent to sustainable projects.
- Led development from the ground up of the frontend and backoffice SPA apps (Vue.js) as well as the API (Golang) and marketplace feed lambdas (Node.js) for [Silver Cosmetics](#), a pharmacy-backed e-commerce with its own vegan products brand with more than €300k in sales.
- Shopify Theme development for [ForAllPhones](#), a refurbished iPhones seller, exceeding €20M in sales as of 2020.
- Participation in open source projects such as: [Caddy Windows Service](#), [Trackovid](#) (open-source COVID tracker by post code), [Tools4edu](#) (IT tutorials website for teachers during COVID-era), [Groxy](#) (Golang powered reverse proxy for AirTable).

Co-Founding Software Engineer, Upframe (Remote)

SEP 2016 - DEC 2019

As a founding member of Upframe, I was responsible for leading all development initiatives from plan to real life. Our mission aimed to empower recent graduates and aspiring entrepreneurs to launch their businesses, in collaboration with the biggest startup hub in Portugal, Startup Lisboa.

COVID-era).

- [Groxy](#) (Golang powered reverse proxy for AirTable)

Key achievements:

- Developed a promotion website as well as integrated payment system for the pre-acceleration programme we ran at Startup Lisboa, in Golang, React and Paypal technologies. More than 10 startups launched with our help with over 4M in revenue as of 2019.
- Led the development, with a team of 3, of a mentorship platform where aspiring entrepreneurs could find and schedule calls with their mentors, written in React and Node.js Express. Connected more than 1000 people with the best industry leaders.
- IoT office tracking tool so that our remote-first team could inform colleagues when they're working from there.
- Internships platform (open source) powered by an AirTable sheet. Contributed to the hiring of 50 people for the hottest Portuguese startups.

Education

Computer Science, University of Porto

SEP 2019 - APR 2021

- Computer science foundations
- Operating Systems
- Competitive Programming
- Data structures and Algorithms