

Francisco Gonçalves

Frontend Engineer @ Feedzai

MSc in Computer Science and Engineering

Porto, Portugal

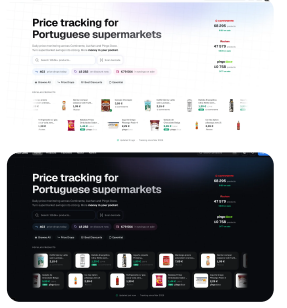
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Projects & Indie Ventures

Price Lens

react.js typescript tailwind next.js supabase postgresql redis qstash

- Founder / Sole Engineer:** Built a price intelligence platform for portuguese supermarkets covering 126k+ products across Continente, Auchan, and Pingo Doce, processing ~29k daily price checks. **Save Money. Buy at the right time.**
- Engineered cross-store product and category matching algorithms (barcode + canonical mapping) to normalise and link the same product across retailer catalogs with different SKU systems and naming conventions.
- Focused on increasing consumer purchasing power awareness through price tracking and product recommendations.
- Key features: **barcode scanner, price comparison across stores, price history charts, daily deal in-store detection, money saving tally, price drop alerts** (~2k price changes/day). Available at price-lens.vercel.app



Bagger UI - Components and snippets library for React

react.js typescript tailwind next.js supabase postgresql

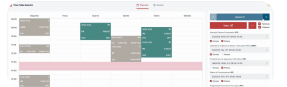
- Built a React component library (TypeScript, Tailwind) evolving from custom components into a curated repository of real-world UI patterns and snippets, extending shadcn/ui and TailwindUI.
- Captured recurring UI scenarios into reusable, composable components to accelerate development and reduce duplication.



Time Table Selector for the University of Porto

react.js typescript tailwind docker mysql python

- Lead Developer: Built a timetable planning app used by university students; designed core scheduling logic and interactive time-grid UI (conflict detection, multi-schedule support).
- Established the architecture and UI framework that continues to power the platform. Available at tts.niafeup.pt



Bagger Flow - VS Code Theme

node.js json

- Designed and published a VS Code theme with custom syntax highlighting for JS/TS, JSX/TSX, HTML/CSS, improving code readability and developer experience. Available on the VS Code Marketplace



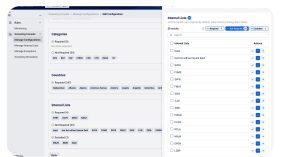
Professional Experience

Frontend Engineer @ Feedzai

react.js javascript typescript tailwind tanstack vitest vite docker mysql

- Developed the **Screening Service UI for RiskOps Studio**: a central hub used by financial analysts to configure and orchestrate transaction screening workflows within the **Watchlist Transaction Screening** solution; enabled transaction screening configurations management, sanction list operations, and exception handling at bank-grade scale.
- Contributed to complex platforms such as **Case Manager** supporting Feedzai's **Anti Money Laundering (AML)** solutions by building features for managing high-volume transaction screening alerts and their relationships for large financial institutions.

Sep/2025 - Present

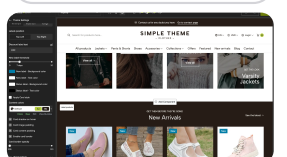


Full-stack Engineer @ Jumpseller

react.js javascript ruby ruby on rails redux mysql liquid aws aws s3 cypress

- Expanded customization for e-commerce storefront themes. Improved Visual and Code Editors for deep store personalization.
- Developed an **AI-powered theme engine** to generate tailored storefront theme configurations from user prompts.
- Streamlined storefront theme implementation** by consolidating themes into a centralized base theme with extensive customizable JSON options, significantly improving maintainability and enabling faster edition and delivery of themes.

Oct/2023 - Sep/2025



Software Engineer Intern @ Critical Manufacturing

react.js next.js typescript tailwind angular docker mysql

- Gathered analytics and usability metrics for CMF's Manufacturing Execution System (MES) to enhance UI/UX (dissertation)
- Developed a custom dashboard with organized data and KPIs from CMF MES, offering usability insights for its components, which democratizes the UX improvement process by attributing scores to components and workflows with varying heuristics.

Feb/2023 - Jul/2023

Freelance Web Developer

react.js typescript tailwind gatsby.js mdx graphql

- Delivered a marketing website for a tech textile manufacturer, handling design, development, and deployment.
- Worked directly with stakeholders to define requirements and build a performant, SEO-optimized platform; guerner.pt

Jan/2023 - Jun/2023

Education

Bachelor and Master in Informatics and Computing Engineering

Porto, Portugal Sep/2018 - Jul/2023

Faculty of Engineering of the University of Porto (FEUP)

- Member of NIAEFEUP, student branch of the Computer Engineering major. Active participant in events and projects like Timetable Selector
- Completed both the bachelor and master degrees, finishing the masters' averaging 18/20
- Relevant coursework: Full Stack Development, Algorithms and Data Structures, Databases, Artificial Intelligence, P2P Timeline, Agile Methods

Erasmus Student

Espoo, Finland Aug/2022 - Dec/2022

Aalto University School of Science

- Studied computer science abroad at Aalto University, in Espoo, Finland as an exchange student part of the Erasmus program

Skills

Technical

Git HTML CSS Javascript Typescript Node.js React.js Redux Python Ruby on Rails Java Tailwind Next.js Gatsby.js Vue.js Angular PHP Laravel SQL Docker GraphQL Rust React Native Flutter C/C++ C# Unity

Languages

Portuguese Native English Proficient | CAE C1 Level, 2016 Spanish Intermediate understanding French Basic understanding