

Arnau Manyosa-Plaza

Senior Product Engineer

 www.arnau.me

 hello@arnau.me

Senior Product Engineer with extensive experience architecting complex and performant web applications. Passionate about building scalable solutions from concept to deployment, through a user-centered approach. Demonstrable track record working on multiple SaaS solutions with cross-functional distributed teams.

PROFESSIONAL HIGHLIGHTS

- Over 18 years in software development, specializing in modern frontend engineering.
- 5+ years of expert-level development with **TypeScript** and **React**.
- Certified UX Professional with 8+ years of expertise turning complex ideas into elegant and intuitive solutions.
- Successfully deployed diverse data-intensive B2B SaaS solutions.
- Strategically integrated AI tools into my workflow as both a software engineer and UI designer.

RELEVANT PROJECTS

- SHL.digital: Cloud-based IoT platform to **manage in real time thousands of medical devices** and their activities.
- Witty Browser Extension: **From concept to first release within 3 months**, reaching a 166% revenue increase within the first 18 months.

EXPERIENCE

Senior Product Engineer SHL Medical AG

December 2022 – November 2025 · Zug

- **Led the development** of a scalable frontend architecture for a medical cloud-based IoT platform using **React** and **Typescript**, promoting component reuse and E2E testing (**Cypress**).
- Created and maintained a shared **Design System** using **Figma** to ensure consistency and reduce friction across multiple products.
- Used **user research** and rapid **prototyping** to discover user pain points and validate solutions early to reduce rework during implementation.
- Designed intuitive data-dense UI for IoT platform, medical devices and dev tools.

Founding Senior Product Engineer Witty Works AG

July 2021 – July 2022 · Zürich

- **Architected** a cross-browser extension enabling universal website support while maintaining performance and reliability, leveraging **React** and **TypeScript**. Implemented automated deployment pipelines to multiple extension stores.
- Collaborated closely with product and design to prioritize features and iterate based on **user feedback**. Delivered a high-quality user experience reflected in strong store ratings (>4.5).
- **Helped grow** the product to 10k+ users and contributed to a 166% revenue increase within the first 18 months.

Career break

May 2019 – June 2021 · Zurich

Senior Product Engineer IBM Research

March 2016 – April 2019 · Rüschlikon

- Led the redesign and implementation of a core product used by sales and marketing teams, improving clarity and usability of complex workflows.
- Owned the delivery of a cleaner, more consistent UI using Web Components and modern frontend frameworks (**TypeScript, Angular, Polymer Web components**).
- Improved the product's search experience by introducing a natural-language-based query system, reducing friction in information discovery.

EDUCATION

Certified Professional for UX UXQB, Zürich, Switzerland. 2019

BCS in Multimedia Engineering La Salle School of Engineering, Barcelona, Spain. 2000 – 2010

Applications Developer Degree IES Terrassa Technical School Terrassa, Spain. 1998 – 2000

Music Degree Victoria dels Angels School Sant Cugat, Spain. 1990 – 2002

LANGUAGES

Catalan Native

Spanish Native

English Fluent

German Intermediate