Gerard Fabregó - Software engineer

Spanish: Native   :round_pushpin: Barcelona, Spain

Catalan: Native   :iphone: (+34) 699 434 123

English: C1   :email: gerardfabrego@gmail.com

ABOUT ME

I'm a full-stack software engineer, passionate about software development and always eager to learn new stuff. I love figuring out how things work, both on the surface and behind the scenes. I'm also keen on using and learning about the best practices to create robust high-quality software.

Beyond my technical interests, I see myself as someone who's easy to approach and aims to create an environment where everyone feels safe and comfortable. I believe in teamwork and enjoy collaborating with people from different backgrounds to learn and create together.

EXPERIENCE

THOUGHTWORKS March 2020 - August 2023

Worked as a full-stack software engineer consultant across multiple projects with three different clients, where the goal were not only to implement and deliver solutions, but also help the client adapt some best practices on their ways of working such as agile methodologies, test driven development, CI/CD, pair programming and a feedback culture.

- **German online retailer & e-commerce**

  Participated in several projects mainly migrating some legacy monolith systems to new microservices that handled millions of orders per day. These microservices involved REST API design, consuming and publishing from/to event streams, handling asynchronous processes and writing to distributed databases.

  Built the domain service that enabled product subscriptions to be created and managed.

  Implemented a loyalty program for users creating new functionalities and expanding to new markets in Europe.

  Contributed to a solution that allowed fraud screeners to easily find and browse all information needed to identify and mark fraudulent orders.

  Created a small application in React to allow administrators to configure payment methods per country and serve this through an API.

  Technologies: Java, Kotlin, JUnit5, Lombok, PostgreSQL, Spring Boot, AWS, Kubernetes, Docker, Typescript, React, React Testing Library, Jest.

- **German sustainability consultancy**

Worked with a cross functional team to build a Single Page Application, incorporating a content management system which allowed non-techincal people to have the flexibility to modify and update the content of the application, and integrating different technologies for analytics, observability, marketing and accessability.

Built a SPA tool that allowed users to customize the design of their certification label and then export said label in multiple supported formats.

Technologies: Typescript, React, Material UI, React Testing Library, Jest, AWS S3, AWS CloudFront, Playwright, Storyblok, Datadog, Matomo, Github Actions, MS Dynamics, Terraform.

- **Digital marketplace**

Helped decoupling the backoffice from the monolith into a microservice. Added JWT authentication to enable the new microservice connect with the rest of the ecosystem.

Implemented a feature that used AI generated suggestions to help users write the description of their advertisements in an inclusive and unbiased way.

Technologies: Javascript, React, SUI components, Mocha, Chai, Sinon, Cypress

EDUCATION

Bachelor's degree in Industrial Technologies Engineering - Barcelona School of Industrial Engineering (ETSEIB), UPC
Honors in IT 1

TECHNICAL SKILLS

Languages, frameworks & libraries

- Java, Spring Boot, JUnit
- Typescript, Javascript, React, React Testing Library, Jest
- Html5, CSS3

Other technologies

- Docker
- PostgreSQL
- MongoDB

Tools I've used non-professionally

- Rust
- C++
- OpenGL & webGL
- Python, Numpy, Pandas

Development practices I'm familiar with

- Test Driven Development

- Trunk Based Development
- CI/CD
- Agile & no-estimates