

Louka Cipolat

Front-End Developer (React / Next.js)

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SUMMARY

Transparent communication, simplifying **complex processes**, and facing daily **challenges**—this was my life as a quality engineer. Coupled with these skills, my innate **problem-solving** ability has been sharpened throughout my development journey.

Frontend development became essential as I recognized the growing need to create **intuitive, efficient** user **interfaces** that enhance user experience. The demand for creating seamless, responsive web applications that align with **modern business** needs was clear. Today, I specialize in building **dynamic web applications** using **React, Next.js, and TypeScript**.

Through continuous learning and hands-on experience, I've been able to combine my technical expertise with a focus on user-centric design to deliver **scalable, high-performance** solutions.

SKILLS

- **Languages & Frameworks:** TypeScript, JavaScript, React, Next.js, HTML5, CSS3, SASS, TailwindCSS, Node.js, Express.js, MongoDB, PostgreSQL, Prisma
- **Tools & Technologies:** Git, GitHub, Figma, REST APIs, Webpack, Jest, Zod, React-Query, Context API, Zustand, Auth.js, React Email, Resend.
- **Best Practices:** Responsive Design, Accessibility, SEO, Unit & Functional Testing.
- **Soft Skills:** Team Work, Transparent Communication, Adaptability, Problem Solving, Curiosity, Patience.

EXPERIENCE

Frontend Developer (React / Next.js)

Freelance – Remote | 2023 - Present

- Developed high-performance, scalable web applications using **React** and **Next.js**.
- Implemented **interactive features**, state management, authentication, REST APIs.
- Collaborated with designers to turn **Figma** mockups into pixel-perfect user interfaces.
- Optimized **performance** and **SEO** in Next.js apps (SSR, SSG, ISR).
- Utilized TypeScript for code **robustness** and **maintainability**.
- **Partnering** with backend developers to seamlessly integrate server-side features and data into the user interface.
- Ensuring **swift** and **efficient** frontend **code** execution to optimize application **performance**.
- Proactively **maintaining** applications, **diagnosing**, and **resolving** issues and potential bugs.
- Contributing to the design and implementation of UI/UX elements to deliver an **optimal user experience**.
- Establishing **unit tests** and actively participating in the debugging process to ensure code quality.

Quality Engineer

Eaton – Paris | 2018-2022

- Development of **product** and **process mastery**.
- **Customer management** complaints through **action plans**.
- **8D**isciplines problem Solving
- Participated in **decision-making** regarding **non-compliant products** (Material Board Review).
- Ensured **compliance** of delivered **products** and clearance **documents**.
- Coordination first part **qualifications** and authored **First Article Inspection** (FAI/DVI) documents. Certified in DPRV (Delegated Product Release Verification) by SAE Aerospace Quality Standards.
- **Deviations** management.
- Collaborated with various departments.

Technical coordinator

Airbus – St Nazaire | 2017-2018

- **Management of non-conformities** encountered on production lines and coordination of their follow-up among production teams, preparation offices, quality, and engineering department
- **Technical analysis** of issues identified in production.
- **Analysis** and **drafting** of **deviation** requests.
- **Monitoring the progress** of non-conformities with suppliers.

EDUCATION

Front-End Web Development Training

Openclassrooms – Remote | 2023

- Web development - Javascript

Introduction to Computer Science

CS50 – Remote | 2023

- Introduction to Computer Science

Quality Engineering Degree

CESI Engineering school – France | 2013-2016

- Generalist engineering degree by apprenticeship - Production and Industrial performance.

PROJECTS

Personal Portfolio

- Developed a personal portfolio to introduce **myself** and my **skills**.
- Implemented best practices for **SEO** and **accessibility**.
- Deployed on **Vercel** for fast loading times and an optimal user experience.
- **Tools & technologies:** TypeScript, Next.js, Tailwind CSS, FramerMotion, React Email & Resend

SaaS - Software as a Service to develop SaaS faster

- Platform developed to accelerate **SaaS product creation**, enabling users to launch products faster.
- **Tools & technologies:** TypeScript, Next.js, Tailwind CSS, PostgreSQL, Prisma, Zod, Stripe, Auth.js

Kasa - Real estate rental application

- I contributed to the frontend development using **React**, implementing **user-friendly interfaces** and **interactive features** to improve user experience for browsing and booking rental properties.
- **Tools & technologies:** React, CSS SASS

Mon vieux grimoire - Books sharing and rating application

- Books sharing and rating application. I worked the backend for a platform enabling users to rate and comment on books via **RESTful APIs**, including **CRUD operations** and secure with **JWT** authorization.
- **Tools & technologies:** Node.js, Express.js, MongoDB

RmtDev - Remote job search application

- Job search application. I focused on frontend development in **React.js**, utilizing technologies like **React-Query**, **Context API**.
- **Tools & technologies:** React, TypeScript, CSS

PetSoft - pet daycare residents management

- **SaaS** designed to manage pet daycares residents. Developed in **Next.js**, integrates **CRUD** operations via **server actions**, **Auth.js**, **JWT** authorizations, **Zod** for data validation, and **Stripe** for payments.
- **Tools & technologies:** TypeScript, Next.js, SQLite, Prisma, TailwindCSS, Stripe, Auth.js

Evento - Event search application

- I worked on frontend using **Next.js**, incorporating both **client** and **server-side** rendering capabilities. Using **Zod** for validation and **Prisma** and **SQLite** for database.
- **Tools & technologies:** TypeScript, Next.js, SQLite, Prisma, Tailwind CSS, Zod

LANGUAGES

- French: **Native**
- English: **Advanced** (B2/C1)