

# Alexis Lucas

## Front-end Web Engineer

With over 8 years of experience in front-end web development and dev ops, built across Dublin and France, I offer my skills as a freelancer based in Lyon. My creativity, curiosity, and passion for the JS ecosystem are assets I'm eager to bring to your projects.



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### Skills

Agile Astro CloudFlare Component Library Design System English (fluent)  
Github Actions HTML/CSS/JS Jest Micro front-end Micro-services Mono-repo  
New Relic Node OAuth Playwright REST React Shadcn UI TailwindCSS  
TanStack Query TanStack Start TypeScript Vitest WebSocket Zustand

### Experience

#### Scalian (client: Bedrock) - Senior Front-end Developer

 September 2025 - May 2026 (8 months)  Lyon, France

- Rearchitected the player towards a slot-based system, simplifying the integration of new features through a more declarative and type-safe composition.
- Improved developer experience and team productivity by addressing various bottlenecks: local development issues across mono-repos, poor package isolation, TypeScript coverage reporting, and test flakiness reporting.
- Strengthened application resilience and user experience by fixing mobile accessibility bugs and optimizing authentication strategies.
- Contributed to several Proofs of Concept to improve the technical stack, notably around Turborepo, and to help QAs make full use of Playwright.
- Regularly shared research and insights with the team on technical watch topics, covering new tools, emerging practices, and local AI usage.

Component Library Design System Github Actions HTML/CSS/JS Jest Mono-repo  
New Relic Playwright React TypeScript Vitest CSS Modules Redux

#### lePERMISLIBRE - Senior Front-end Developer / Tech Lead

 June 2023 - December 2024 (over 1 year)  Lyon, France

- Designed and shipped new features for applications used by instructors, students, and internal teams, improving UX, internal processes, and customer satisfaction.
- Wrote technical designs and POCs to prepare upcoming features, enabling earlier planning, better task breakdown, and a smoother development process.
- Took ownership of the gradual improvement of our technical stack, reducing development time, lowering the likelihood of bugs, and increasing maintainability.
- Served as the front-end team's representative across other chapters, helped define its long-term vision, and promoted best practices and code quality to ensure consistency across rules and processes.
- Enjoyed stepping outside my usual scope to contribute to Agile processes and set up methodology resources on Notion.

Agile Component Library Design System HTML/CSS/JS Jest REST React  
TanStack Query TypeScript Chakra UI

#### Toast, Inc. - Senior Front-end Software Engineer

 January 2020 - May 2023 (over 3 years)  Dublin, Ireland

- Collaborated with multiple teams on critical challenges following Agile methodology, and regularly contributed to the front-end community to share knowledge.
- Designed, maintained, and tested several authentication and authorization libraries for front-end applications communicating with micro-services, making those applications more secure and reliable.
- Built and improved internal tooling to streamline front-end application development and debugging.
- Contributed to the design system component library, enabling simpler adoption and a more consistent experience across products.

Agile Component Library Design System English (fluent) HTML/CSS/JS Jest  
Micro front-end Micro-services Node OAuth REST React TailwindCSS  
TanStack Query TypeScript Auth0 GraphQL

### Toast, Inc. - Full-stack Web Development Intern

📅 September 2018 – February 2019 (5 months) 📍 Dublin, Ireland

Worked in a team following Agile methodology on a REST micro-services architecture and front-end applications (SPAs), enabling restaurants to integrate third-party services and access new features.

Agile English (fluent) HTML/CSS/JS React CSS Modules Java Kotlin Redux Spring

### Exakis Nelite - Front-end Web Developer

📅 July – September 2018 (2 months) 📍 Aix-en-Provence, France

Created custom visuals for Business Intelligence platforms and dashboards for companies and local authorities.

TypeScript D3JS PowerBI

### Exakis Nelite - Mobile Development Intern

📅 January – May 2018 (4 months) 📍 Aix-en-Provence, France

Built a cross-platform mobile application raising awareness about cybercrime and cybersecurity, using the .NET framework and Xamarin.

C# Xamarin

### Altereo - Full-stack Web Development Intern

📅 April – July 2017 (3 months) 📍 Venelles, France

Developed new modules and improved the existing WordPress website. Migrated MySQL databases from the legacy site and ensured data compatibility.

HTML/CSS/JS PHP

### e-partenaire - Full-stack Web Development Intern

📅 September – October 2016 (about 2 months) 📍 Aix-la-Durance, France

Created, updated, and optimized websites for businesses and individuals.

HTML/CSS/JS PHP SQL

## Side Projects

[\(See more on GitHub\)](#)

### TFT Double up companion

A companion app for duo games in Teamfight Tactics, showing in real-time what units your partner is looking for.

CloudFlare React Shadcn UI TailwindCSS  
TanStack Start TypeScript WebSocket

### This Resume

This very resume you're currently reading! Built with Astro, which generates static pages with no client-side JavaScript.

Astro CloudFlare TailwindCSS  
TypeScript

### Pharaon

A web tool that splits text by syllable and assigns colors to each. Particularly useful for multisyllabic words in French rap lyrics.

CloudFlare React TailwindCSS  
TypeScript Zustand

### Knucklebones

Adaptation of a dice mini-game to play against friends or an AI. Real-time communication via WebSocket hosted on CloudFlare.

CloudFlare Node React TailwindCSS  
TypeScript WebSocket

## Education

### CESI Ingénieurs - Computer Science Engineering, Software Specialization

📅 September 2015 – July 2020 (almost 5 years) 📍 Aix-en-Provence, France