

Hatem Lamine - Full-stack Web Developer

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Skills

- **Core tech** : Next | React | TypeScript | React Query + Axios | Zustand/Jotai | Tailwind CSS | RadixUI | Shadcn UI | React Portals | MySQL | Redis | PostgreSQL | PlanetScale | Upstash | Drizzle ORM | Prisma | NextAuth | Clerk | Stripe | React Hook Forms | Zod | Docker.
- **Additional tech** : tRPC | AWS Lambda/Amplify | Vercel | NoSQL | MongoDB | OpenAI API | Strapi – These 2 lists feature only the Tech that I **currently** use.
- **Basics** : JS | Node.js | CSS | HTML | Git.
- **Concepts** : Performance Optimization | Queries & Caching | Software Architecture | HTTP | REST | APIs | UI/UX Design | Cross-Browser Compatibility | SEO | Headless CMS | Prompt Engineering | Devops/Cloud (Docker, Kubernetes, Jenkins, Azure, Vercel, AWS)

My Startup

BiR : Esports Voting Platform & Leaderboard

[Website](#)

[Source](#)

[Demo](#)

[My Design](#)

09/2023

[Web Vitals](#)

- **Active Users** : Conceived for the 2023 League of Legends World Championship event, BiR (Best in Role) has swiftly gained popularity, with **52,000+ esports fans actively using it** during the event.
- **Tech** : Next.js 13.4 /w App Router & Route handlers · React · TypeScript · React Query (Tanstack) + Axios · Tailwind CSS · Shadcn UI · MySQL · PlanetScale · Prisma · Clerk · Zod
- **Targeted Quality Attributes** :
 - 1- Performance : Immediate reactivity through **optimistic updates**, **lazy loading**, **efficient caching**, parallel queries, and seamless handling of loading states. **Lighthouse Performance score : 100**.
 - 2- Intuitive, clean, and straightforward UI/UX Design through strategic structuring with whitespace, and establishing a visual hierarchy: Leaderboard & Votes take the top spot in attention allocation.
 - 3- SEO & Advertising : Metadata, favicons, sitemaps, and OpenGraph images + Advertising on X (Twitter), Reddit, and Twitch. **Lighthouse SEO score : 100**.
 - 4- Responsiveness for all targeted devices (Desktop, multiple laptop screens, tablets, and mobile) & Cross-browser compatibility.
 - 5- Maintainability : **Type-safety throughout the whole application** (from backend endpoints to frontend) + Highly customizable and typesafe reusable components.

Experience

Full-stack Web Developer (Full time)

[XQuant](#)

Seoul, South Korea

01/2022 - Present

- Participated in PR reviews to maintain code quality standards. Made decisions paired with constructive comments and feedback, to approve or reject merges involving multiple features, fixes, and refactors.
- Wrote **end-to-end** high-quality code for complex features such as comparing two documents side by side (like github commits), managing user workspaces, and exposing analytical statistics for contract documents.
- Performed under pressure and directed my subteam to maintain peak performance during critical moments. Proposed robust and rational solutions to multiple complicated problems and dilemmas.
- **Tech** : Next.js · React.js · TypeScript · Tailwind CSS · Radix UI · React Query (TanStack Query) + Axios · React Hook Forms · Zod · Docker

Full-stack Web Developer (Full time)

[EY](#)

Tunis, Tunisia

12/2020 - 12/2021

- Contributed to the architectural decisions for multiple modules within the EY Global Tax e-invoicing solution, considering business requirements, specific quality attributes, and compositions of domain teams for each module.
- Set-up advanced API endpoints with efficient DB Queries and schema validation. Created customizable frontend pages and components that consume them while maintaining end-to-end type safety & **graceful error handling**.
- **Tech** : Next · React · TS · Tailwind · React Query · React Hook Forms · Zod · Docker

Full-stack Web Developer (Internship)

[Keyrus](#)

Tunis, Tunisia

05/2020 - 11/2020

- Played a critical role in the migration of an expense management solution from Nuxt.js 2 to Nuxt.js 3, speeding up the company's migration process by transitioning numerous plugins, libraries, and dependencies. Initiated and guided the integration of new Vue.js 3 features into the solution and prevented 3 bugs before they were shipped to production. **Tech** : Vue.js 3 · Nuxt.js 3 · TypeScript.

Front-end Web Developer (Internship)

[UpKurs](#)

Tunis, Tunisia

05/2019 - 11/2019

- Shared visions with the UI/UX design team from both the designer and developer perspectives, and created & maintained fully functional features covering over 40% of the entire UI/UX material for a pedagogical video-conferencing app. **Tech** : Angular · TS · CSS · Nest.js · Figma

Side Projects

1. **E-Commerce + Dashboard & CMS** – 06/2023 : - Admin Dashboard exposing statistics such as total revenue, sales, and products in stock. - Highly Customizable CMS. - Multi-platform Image Uploading. - Auth. - Stores with seamless navigation & filtering. - Cart Management & Payment. **Tech** : Next 13.4, React, TS, React Query, Tailwind, ShadcnUI, Zod, React Hook Form, Stripe, MySQL, Prisma, PlanetScale. [Demo](#) / [Website](#) / [Source](#).
2. **Text Similarity API** – 03/2023 : Quantifies the similarity between two pieces of text using OpenAI's utilities, and a **comprehensive API key system** with **rate limitation**. **Tech** : Next 13.2 · TS · Tailwind · Radix UI · PlanetScale · Prisma · Upstash · NextAuth. [Demo](#) / [Website](#) / [Source](#).
3. **My Portfolio website** – 05/2022 : **Tech** : Next.js · Chakra UI · Framer Motion · Three.js. [Website](#) / [Source](#).
4. **Spotify 2** – 03/2022 : A **redesigned full Spotify experience** with Spotify SSO authentication that fetches your **playlists from your real Spotify account**. From playing playlists and tweaking volume levels to skipping to next or previous tracks, choosing a track, controlling music playback and more. **Tech** : Next · [Official Spotify API](#) · Recoil · NextAuth · OAuth & JWT. [Demo](#) / [Showcase](#) / [Website](#) / [Source](#) / [My Design](#).
5. **Covid-19 Real-Time Tracker** – 11/2021 : **Tech** : React · Covid-19 API · React Leaflet · React Chart.js. [Demo](#) / [Website](#) / [Source](#).

Education

- **Software Engineering** at **National Institute of Applied Science and Technology, Tunis, Tunisia**. 09/2019 – 01/2024. – Expected graduation date with “Diplôme d'Ingénieur d'État” (superior equivalent of **master's degree**) : 01/2024.
- **Baccalaureate in Mathematics** at **Pioneer High School of Nabeul, Nabeul, Tunisia**. 09/2015 – 05/2019.
- **Languages** : **French, Arabic, English** – All professional proficiency or above.