

Hamza Yousfi — Senior Software Engineer

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Professional Summary:

Senior Full-Stack Software Engineer, 5+ years across healthtech, fintech, e-commerce, and enterprise SaaS. TypeScript end-to-end: React and Next.js on the front, Node.js and NestJS microservices behind it. I own what I build, from architecture and third-party integrations through deployment and post-release support, and I lead zero-downtime migrations. I design agentic coding workflows that run in production, and I optimize performance on both ends: Core Web Vitals and Lighthouse audits on the front, and API response times cut by up to 91% on data-heavy platforms on the back.

Work Experience:

Senior Software Engineer | [Health Hero](#) | London, England, United Kingdom (Remote)

March 2026 – Present (Full-time)

- Delivered an end-to-end e-prescription feature fully in TypeScript across a NestJS microservice and a React, Redux (with sagas) frontend, integrating a third-party prescription API ([Ordoclic LAP](#)) so physicians preview and select prescription templates in-app before launching the external tool, and designing a stable DTO contract that shields the product from the vendor's undocumented payloads.
- Fixed a flaky E2E suite that failed ~15% of all pipeline runs, forcing multiple 7-min re-runs on a 15-min GitLab CI pipeline. Traced Elasticsearch indexing race conditions and time-boundary cases, replaced blind waits with deterministic readiness polling, and fixed the production bug the flakiness had masked. Audited the rest of the suite for at-risk tests to prevent future recurrence.
- Migrated doctors' specialty-filtering logic from the web and mobile apps into the search microservice, making the backend the single source of search rules and ending a release chain where every change forced redeloys and mobile updates. Rolled it out safely and progressively behind an Unleash feature flag mirrored front-to-back, with an instant fallback to the legacy behavior.
- Contributed to an AI-powered telehealth platform using the [OpenAI API](#) to automate clinical documentation and streamline patient intake, reducing administrative load on practitioners: built small features and served as support point of contact, shipping hotfixes and patches, and channeling recurring friction into internal UX improvements for a more intuitive experience.
- Built my own AI agentic coding workflow using [Claude Code](#) on a production healthcare platform, leveraging skills, plugins, and ADR-backed context files persisting architectural decisions across sessions; automated sub-agents enforce spec compliance, codebase guidelines, and coding standards before human review, cutting review cycles and increasing safe production delivery.

Senior Software Engineer | [Tinloof](#) | Berlin, Germany

Sept 2024 – Feb 2026 (Full-time)

- Architected and delivered 3 enterprise marketing platforms end-to-end ([Privy](#), [EDIS Global](#), [AuditBoard](#)), owning all technical decisions from CMS schema design through deployment. Led migration from Next.js/Vercel to Astro/Cloudflare Workers for content-heavy sites and cutting infrastructure costs, while mentoring junior developers on React, Sanity, and Next.js best practices.
- Contributed to [Brex](#)'s fintech platform and 2 headless Shopify e-commerce storefronts ([EnRoute](#), [BrandYour](#)), collaborating directly with product stakeholders, designers, and engineering teams.
- Built my own AI-assisted, spec-driven workflow (Claude Code, Cursor, MCP, custom skill files) with sub-agent code review, shipping more features and cutting PR correction cycles.

Software Engineer | [Bejamas](#) | Wrocław, Poland

April 2022 – March 2024 (Full-time)

- Delivered 10+ high-performance web applications for enterprise clients using Next.js, Gatsby, and TypeScript, integrated with headless CMS platforms (Contentful, Sanity, and others).
- Drove Core Web Vitals optimization: LCP from 4.2s to 1.8s, TTFB from 1.5s to 0.4s, Lighthouse scores from 45 to 90+ (mobile) and 60 to 95+ (desktop) while mentoring junior developers.
- Led 4 zero-downtime platform migrations: Gatsby → Next.js (2 sites), Next.js v10 Pages Router to v14 App Router, Contentful → DatoCMS. Planned migration paths and ensured SEO continuity throughout. Built and maintained component design systems with Storybook.

Software Engineer | [Keeze](#) | Paris, France

February 2022 – April 2022 (Freelance Contract)

- Led complete project migration from Meteor/MongoDB monolith to React, Redux, and NestJS microservices, from codebase audit through production deployment in under 3 months.
- Designed and delivered the AWS scaling architecture and handoff documentation for the client's engineering team to continue building on.

Software Engineer | [HSE \(Home Shopping Europe\)](#) | Ismaning, Germany

September 2021 – February 2022 (Full-time)

- Built design system components and full product pages from Figma designs using React, Redux, and TypeScript for a major European e-commerce platform.
- Migrated E2E test suite from TestCafe to Cypress, improving test reliability and dev experience.

Software Engineer | [I-WAY](#) | Lyon, France

April 2022 – March 2023 (Part-time contract, concurrent with full-time role at Bejamas)

April 2021 – September 2021 (Full-time)

- Built full-stack operations dashboard (React/Redux, Node.js, Express, TypeORM, MySQL) with media handling, FTP file storage, and TCP-based remote device management.
- Diagnosed and resolved critical backend performance bottleneck: restructured data models and optimized MySQL queries, reducing API response time from 21 seconds to an average of 1.9 seconds (91% reduction).
- Replaced redundant API polling with Socket.io real-time event architecture, eliminating unnecessary server load and improving UX responsiveness.

Web Developer - Intern | [White Label Agency](#) | Poltava, Ukraine

August 2020 – October 2020 (Full-time)

Skills:

- **Frontend:** React, React Native, Redux, Next.js, Astro, TypeScript, Tailwind CSS, shadcn/ui, Storybook.
- **Backend:** Node.js, Express, NestJS, Microservices, REST, GraphQL, MySQL, MongoDB.
- **Testing:** Cypress, Playwright, React Testing Library, Jest, TestCafe, E2E and integration testing.
- **Headless CMS:** Sanity, Contentful, DatoCMS, Storyblok, Shopify.
- **Performance Engineering:** CWV optimization, Lighthouse auditing, and DB query optimization.
- **Infrastructure:** Vercel, Cloudflare, AWS, Docker, GitHub Actions, CI/CD, Jenkins.
- **Agentic coding:** AI-augmented workflows with Claude Code and Cursor, OpenAI API Integration.

Education:

- Master of Business Administration (MBA)
Poltava University of Economics and Trade, Poltava, Ukraine.
October 2018 – July 2020
- Master's in Computer Science and Telecommunications
Faculty of Sciences at Mohammed V University, Rabat, Morocco.
September 2016 – March 2018

Languages:

English (Fluent) | French (Fluent) | Arabic (Fluent) | Spanish (Conversational) | Russian (Conversational)