Younes Aberkane

Senior Product Engineer | Frontend (React) & Full-Stack | Agentic AI Delivery for B2B

React · Next.js · TypeScript · Angular · Node.js · Astro · Cloudflare · Supabase · SwiftUI · Claude Code · Cursor · MCP

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Freelance since Aug 2024 (Kamkom Software SRL) | 6 years of experience | French & English

PROFESSIONAL SUMMARY

Senior Product Engineer with 6 years of experience delivering production web applications (React, TypeScript, Angular) for B2B enterprise, HR and fintech organisations. I think in business outcomes, not tickets. I take a migration or a new application from the first need to a finished product in production. I analyse requirements with business analysts and architects, or cover those roles myself when there are none, then set the technical roadmap and stack, design a clean UX / UI and build. I deliver a product that is optimised, SEO-ready and maintainable for years.

AI-first, enterprise-ready. Anyone can open an AI assistant; making AI delivery work inside a real B2B organisation, with its budgets, security rules, legacy systems, tools and team habits, is a different skill. On missions from 3 months to several years, I integrate into the existing team and ecosystem, modernise legacy step by step and introduce agentic workflows the team can adopt. Day to day I direct AI agents (Claude Code, Cursor, Codex, GitHub Copilot) rather than typing code. I write the specs, drive whole development flows, then review, debug and own every line that ships; 6 years of hands-on coding is what makes this reliable. I also run a fleet of autonomous agents (Grok Bot) for business operations, content and SEO.

Beyond the front-end, I ship complete products: Next.js with Stripe payments, Supabase / PostgreSQL, Cloudflare Workers, Astro + Sanity websites and a native iOS app in SwiftUI, with a solid grasp of Git, CI/CD, DevOps, hosting and databases. Freelance since 2024 (Kamkom Software).

CORE COMPETENCIES

Product Thinking & Business Outcomes · End-to-End Project Ownership · Requirements & Needs Analysis · Technical Roadmap & Stack Selection · Frontend Architecture · UX / UI Design Sense · Maintainability & Long-Term Code Health · Legacy Application Migration · Enterprise AI Adoption · Stakeholder Management · Agentic AI Software Development · AI Agent Orchestration · Workflow Automation · Spec-Driven Development · API Integration & Contracts (OpenAPI) · Secure Authentication & Identity · CI/CD & DevOps · Test Automation · Code Review · SEO & Web Performance · Business & Functional Analysis · Agile / Scrum · Mentoring

TECHNICAL SKILLS

Frontend: React 18/19, Next.js (App Router, SSR, Server Actions, API routes), TypeScript, JavaScript (ES2023), Angular (8 to 17), Astro, HTML5, CSS3, Tailwind CSS, shadcn/ui, Material UI, Redux, Zustand, NGXS, TanStack Query (React Query), React Hook Form, Zod, react-pdf, Storybook, accessibility (WCAG, React Aria)

AI & Agentic Engineering: agent orchestration, Grok Bot (xAI, autonomous agent fleet), Claude Code, Cursor, OpenAI Codex, GitHub Copilot, AI coding agents and sub-agents, MCP (Model Context Protocol), spec-driven development, plan-then-execute workflows, context engineering (CLAUDE.md / AGENTS.md, rules, skills), AI-assisted code review, scheduled agent automations (cron), AI-driven SEO audits and content pipelines

Backend & Data: Node.js, Bun, REST APIs, Next.js API routes, Cloudflare Workers, Supabase (Auth, Edge Functions, Row Level Security), PostgreSQL, SQL, Stripe (payments, webhooks), cron jobs, reverse proxy; working knowledge of C# / .NET / ASP.NET

Mobile: Swift, SwiftUI (native iOS), Ionic, Capacitor, App Store and Google Play publishing

DevOps & Cloud: CI/CD pipelines, Azure DevOps (Repos, Pipelines, Boards), GitLab CI, GitHub, Git workflows, Docker, Cloudflare (Workers, Pages, DNS), Vercel, DigitalOcean (self-hosted server), Firebase, Vite, Webpack, Turbopack

SEO & Web Performance: technical and on-page SEO, metadata and Open Graph, keyword research, sitemaps and indexing, page speed, SEO audits, Astro with Sanity (headless CMS), App Store Optimization (ASO, getting started)

Testing & Quality: Vitest, Jest, Playwright, Jasmine, Karma, unit / integration / end-to-end testing, TDD, clean code

APIs & Tools: OpenAPI / Swagger, NSwag, YAML, Postman, Jira, Confluence, Linear, Figma, PostHog, Microsoft 365

PROFESSIONAL EXPERIENCE

Senior Frontend Engineer (React), Freelance

Group S (HR services), via Kamkom Software SRL | Brussels, Belgium | Aug 2024 – Present

Starters & Independents department. Building and migrating business applications from legacy ASP.NET / .NET to React + TypeScript front-ends connected to .NET APIs.

- **Starters & Independents (S&I) platform:** built the entire front-end from scratch; in production for a long time and actively maintained. The platform guides Belgian self-employed people and companies through starting their business (Crossroads Bank for Enterprises / BCE-KBO, VAT, business permits).
- **Mobility Sim:** migrated the application from scratch from legacy ASP.NET to React, connected to a .NET API; completed and live in production.
- **Dimona (new version):** working on the migration of the next generation of the application (in progress).

- Analysed complex regulatory business flows with business stakeholders and turned them into user journeys, UI specifications and API contracts.
- Implemented secure identity and authentication with itsme®, digital signature (DioSS Quill), webhooks and third-party integrations.
- Built complex multi-step forms (React Hook Form, Zod), on-the-fly PDF generation (react-pdf) and responsive, accessible interfaces (Material UI).
- Generated type-safe API clients from OpenAPI with NSwag to keep front-end and back-end contracts in sync.
- Delivered continuously through Azure DevOps and GitLab pipelines; improved build performance and developer experience (Vite, Vitest); used GitHub Copilot in VS Code daily.

Tech: React 18, TypeScript, Vite, Vitest, Material UI, Redux, Zustand, React Hook Form, Zod, react-pdf, OpenAPI, NSwag, .NET APIs, itsme®, Azure DevOps, GitLab, GitHub Copilot, VS Code, Figma, Jira, Microsoft 365

Founder & Full-Stack Product Engineer

Kamkom Software SRL | Brussels, Belgium | Aug 2024 – Present

- Run my own software company alongside my main mission: I design, build, deploy and maintain web and mobile products for clients in Belgium, Europe and the Middle East, and for my own products.
- **Scalie** (in progress): native iOS application built 100% in Swift / SwiftUI.
- Full-stack Next.js applications with API routes, Supabase / PostgreSQL (Auth, Row Level Security, Edge Functions) and Stripe payments; serverless logic on Cloudflare Workers.
- SEO-first websites built with Astro and Sanity (headless CMS), so clients edit their content themselves, fully optimised for Google (metadata, keyword research, site structure, performance) and deployed on Cloudflare; self-hosted reverse proxy on DigitalOcean to expose third-party API data.
- Client work: **GoPlay** (UAE, subscription site for children's play areas), **MonPremierJob** (job platform for young graduates), **BeFreelancers** (platform for Belgian freelancers), **Wax & Beauty** (beauty salon), **La Rosa & Associés** (accounting firm), **Ardent PEB & Engineering**, **Bright Wave** (B2B cleaning company, in progress).
- AI-native delivery: written specs first, agents implement (Claude Code, Cursor, Codex), I review every change before release; MCP integrations (Supabase, PostHog); Git and CI/CD on GitHub and GitLab.
- Built and run a fleet of autonomous AI agents on Grok Bot (xAI) that handle business operations: bookkeeping support, project follow-up, scheduled cron pipelines that publish blog articles and social media content, and recurring SEO audits and optimisation.

Tech: Next.js, React, TypeScript, Astro, Swift, SwiftUI, Node.js, Supabase, PostgreSQL, Stripe, Cloudflare Workers / Pages, Vercel, DigitalOcean, Tailwind CSS, shadcn/ui, Claude Code, Cursor, Codex, MCP, Grok Bot

Frontend Engineer (React)

Gambit Financial Solutions (wealth-tech software) | Liège, Belgium | Feb 2024 – Aug 2024

- Built features for B2B wealth-management web applications with React 18 and TypeScript in a multidisciplinary, multicultural Scrum team (French and English).
- Developed accessible UI components with React Aria and end-to-end tests with Playwright; took part in tooling choices and worked directly with stakeholders and clients.

Tech: React 18, TypeScript, Vite, Playwright, React Aria, React Hook Form, Zod, Redux, OpenAPI, Azure DevOps, Azure Pipelines, Jira

Frontend Engineer (Angular)

Afelio (NRB Group) | Liège, Belgium | Nov 2020 – Feb 2024

- Developed enterprise web applications with Angular (8 to 15) and TypeScript in Agile teams of 10 to 40 people, with business analysts, designers, back-end and DevOps engineers.
- Took 2 large projects to production after 2 years of development and close client collaboration.
- Wrote user stories, estimated sprints, defined API contracts and ensured quality through unit tests (Jasmine, Karma, Jest); occasionally supported the .NET / C# back-end team.
- Onboarded, trained and mentored junior developers on Angular and team practices.

Tech: Angular 8–15, TypeScript, NGXS, Formly, Material UI, OpenAPI, Jasmine, Karma, Jest, Azure DevOps, Azure Pipelines, Confluence, Jira

Mobile Application Developer (side project)

A&B Hair Salon | Verviers, Belgium | Jan 2021 – Jan 2023

- Built and launched a hybrid booking app (iOS, Android, Web) with Ionic and Capacitor, published on the App Store and Google Play, with an admin dashboard for customers and appointments; 100+ bookings per week.

EDUCATION

Bachelor's Degree in Industrial Automation, IT Systems | HELMo Saint-Laurent, Liège, Belgium | 2016 – 2019 | Internship: Full-Stack Developer, Kameo Bikes
Software Engineering Program | Codecademy (online) | 2020

CERTIFICATIONS & LANGUAGES

Professional Scrum Developer I (PSD I), Scrum.org | French (native) | English (fluent) | Arabic