Julien DE MAGALHAES

Senior Frontend / Fullstack Engineer

Vitré (Rennes), France · github.com/Sygnano · linkedin.com/in/julien-de-magalhaes/

SUMMARY

Software engineer with 8+ years building web products, specialized in React and TypeScript. Built enterprise features (cascading permissions, design system) for a B2B SaaS serving Carrefour, Leclerc and Nestlé, then designed and shipped, solo and end to end, a data-exploration tool for hospitals and emergency services. Looking for high-stakes products where I can take ownership.

EXPERIENCE

Independent Software Engineer · Self-employed · Rennes / Remote — 2026-08 → now

- Built and run Arena Journey (arena.drawyoursword.lol) solo, a live analytics platform - Next.js, Fastify, PostgreSQL, a crawler and a rate-limited API gateway covering 1.6M+ players.
- Cut the main database from 88 GB to 23 GB (-74%) by moving compressed raw payloads to an archive database.
- Launched Simaris Labs (simarislabs.com) solo, a Warframe builder and damage calculator - Next.js, Fastify, PostgreSQL, OAuth sign-in, a pure TypeScript damage engine with 2,200+ tests.
- AI-native workflow - Claude Code with scoped instructions, custom skills and hooks enforcing typecheck, lint and tests; CI with GitHub Actions, monitoring with Sentry.

Front-End Engineer (consultant) · A Propos (via Ikivia) · Remote — 2025-09 → 2026-07

- Sole engineer on a self-service data-exploration module for hospitals and emergency services, taking it from design and architecture through to production deployment.
- Gave non-technical field staff a DBeaver-like way to query, read and dispatch operational data without SQL or developer help.
- Architected the app on Bulletproof React (feature-based structure) in TypeScript, with Zustand for client state and TanStack Query for server state and caching; embedded in the host platform via iframe.
- Shipped with extensive unit (Vitest) and end-to-end (Cypress) test coverage, delivering a stable release rolled out to client services nationwide.

Software Engineer (Frontend) · Salsify (formerly Alkemics) · Remote — 2020-09 → 2024-03

- Frontend expert on a B2B product-data SaaS used by major French retailers and brands (Leclerc, Carrefour, Nestlé, Danone); rotated across 5-10-person Scrum teams (~50 developers) wherever frontend expertise was needed.
- Co-built the frontend of an advanced permissions system with modular, cascading read/write rights per user and organization, retrofitted across the entire application without regressions.
- Co-designed a design system with the UX designer, then implemented it in React and Storybook and rolled it out across the product.
- Raised quality through code reviews and mentoring of fullstack developers on React and frontend best practices.

Fullstack Developer (Freelance) · Ouicar · Foncia (via Comet) · Paris / Remote — 2017-09 → 2019-12

- Ouicar - contributed to the new keyless car module, letting renters unlock connected cars without a physical key handover, across the React front end and Node.js microservices.
- Foncia (via Comet) - built 4 React/Redux web apps for a platform overhaul (tenants & owners, co-ownerships, suppliers, back office) in a 10-15-person agile team.

Fullstack & Mobile Developer → Lead Developer · CINQS · Nanterre — 2017-04 → 2017-09

- Became lead developer 3 months into a 6-month internship after the tech lead left; owned the whole product stack in a 3-developer team.

EDUCATION

Software engineering curriculum (project-based, peer-to-peer) · École 42, Paris 2015-07 → 2017-09

SKILLS

Frontend: React, TypeScript, JavaScript (ES6+), Redux, Zustand, TanStack Query, Tailwind CSS, Next.js (App Router), Bulletproof React, Design Systems, Storybook, shadcn/ui, Vite, Webpack

Testing & quality: Vitest, Jest, React Testing Library, Cypress, WebdriverIO, End-to-end testing, Code review, Biome

Backend & data: Node.js, Fastify, Express, NestJS, REST APIs, Microservices, PostgreSQL, SQL, Drizzle ORM, Prisma, MongoDB, Redis

DevOps & tooling: GitHub Actions, Railway, Docker, Jenkins, Git, Turborepo, pnpm, Sentry

AI-assisted engineering: Claude Code (instruction files, custom skills, hooks), Agentic development workflows, AI-assisted code review

Desktop & systems: Rust, Tauri, C, C++, Lua, QMK firmware, GDScript / Godot

LANGUAGES

French: Native · English: Fluent (used daily at work for several years)