Ritchi Andriantsifeherana

Experienced Full Stack Typescript NEXT.js developer (7 years of experiences)

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Full-Stack Developer with expertise in TypeScript, JavaScript, React, Next.js, Node.js, and React Native. Specialized in designing and delivering high-performance web and mobile applications for both businesses and individuals. Proficient in API development, database management (PostgreSQL), and implementing CI/CD pipelines with Docker and GitHub Actions.

Core skills: React.js | Next.js | React Native | Expo | TypeScript | Node.js | tRPC | Drizzle ORM | Hono.js | Payload CMS | PowerSync | REST APIs | Docker | Turborepo | Git | GitHub Actions | CI/CD | Tests | Plateformes Cloud (AWS, Vercel, Railway, VPS)

Isagog | Part-time - Remote, Italie
Software engineer | February 2025 - current

For Isagog and their clients, I developed several web applications and websites. Led by an AI expert (a former IBM engineer who worked on the very first LLM), the Isagog team provides AI services that I integrate into projects. My key contributions include:

- *A chatbot leveraging their RAG system, capable of querying a vector database (Weaviate/SparQL) and presenting user-friendly results.*
- *An application for a newspaper, enabling users to discuss articles with an AI, generate content, and produce analyses (interactive maps, Wikipedia links for detected entities).*
- *Another application for a museum, designed to facilitate document analysis: entities, relationships, and situations are extracted on the backend and then displayed and edited in the frontend before being validated as part of the collection.*

On these projects, I mainly worked on the frontend with Next.js, using Ant Design and shadcn, and implemented:

- *Docker configuration and CI/CD workflows via GitHub Actions (with a self-hosted runner).*
- *End-to-end testing with Playwright.*

Lastly, I designed isagog.com, a showcase website with a Markdown parser to manage content (blog and projects).

Revly | Full-time - Remote, UAE
Software engineer | February 2023 - current

Hired as the first developer at Revly in 2022 (part-time, then full-time since 2023), I designed and developed the company's SaaS application from the ground up.
Revly is a marketing support tool for restaurant owners using delivery platforms such as Deliveroo, Talabat, Noon, etc. Initially launched in Dubai, the product is now expanding beyond the UAE.
Key contributions:

- *Core SaaS platform: Frontend development with React.js and backend API integration.*
- *Internal tools: Full-stack development (Next.js, tRPC, Drizzle ORM) for Sales and Admin teams to manage client accounts and validate data.*
- *Interactive public website: Designed to let leads analyze their restaurant activity and receive reports synchronized with HubSpot and Slack notifications. Built with Next.js and Tailwind CSS.*
- *SEO optimization for public sites, server management (Vercel), domain management, and workflow automation (CI/CD with GitHub Actions).*
- *Responsible for code quality through PR reviews, production deployments, and implementing unit and integration tests.*

Hightao | Full-time - Remote, France
Software engineer | October 2020 - January 2023 (Occasional work till this day)

Full-Stack Developer at Hightao, a Madagascar-based company connecting developers with diverse international projects. I held multiple roles depending on the mission: individual developer, frontend developer, full-stack developer, mobile developer, lead developer, and even product owner.
Key achievements:
- *Developed web and mobile applications across various industries: e-commerce, real estate, SaaS, blockchain, NFT marketplaces, and mobile apps (e.g., a podcast application).*
- *Worked with a wide range of technologies: React.js, Vue.js, Next.js, React Native, Symfony, Laravel, WordPress, PrestaShop, Stripe, Docker, AWS, VPS management, and blockchain integration.*
- *Designed robust architectures, managed projects, optimized performance, and ensured software quality.*

Although no longer full-time, I continue to collaborate occasionally with Hightao, where I am regarded as one of their most reliable Node.js full-stack developers.

Manao | Full-time - On site, Madagascar
Software engineer | January 2018 - September 2020

I joined Manao as a self-taught developer with no prior experience, demonstrating my passion and ability to grow quickly in the field. After a 6-month trial period, I successively joined two teams:

Internal team: Contributed to the development of a multi-tenant SaaS accounting application. We were a small team (project manager, myself, and an intern) dedicated to designing and maintaining the tool.

External team: After 3 months, I was recruited to work on Global POS, a solution for a major French client. As part of a 6-person team, I strengthened my skills in best practices, professional rigor, and collaboration in an agile environment.
Key achievements and skills gained:
- *Developed and maintained SaaS platforms using CodeIgniter and jQuery.*
- *Managed multi-tenant databases (MySQL).*
- *Implemented a Bitcoin payment system.*
- *Worked with CentOS-based virtual environments (similar to Docker), building a solid foundation in Linux and server deployment.*

This experience was a launchpad for my career, forging both my technical skills and professionalism in demanding client projects.

Languages: English | French | Malagasy

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