

Brahim Boussadjra

Senior Fullstack Developer — TypeScript, Vue.js/Nuxt, NestJS

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SUMMARY

Senior Fullstack Developer with 6+ years of experience building scalable web applications in TypeScript, Vue.js/Nuxt and NestJS. Led a full migration from legacy code to a contract-driven TypeScript monorepo for a fintech ERP platform. Top answerer in the Vue.js 3 tag and 2nd highest contributor in the Vue.js tag on Stack Overflow. Focused on clean architecture, end-to-end type safety and shipping products from database to interface.

EXPERIENCE

Senior Fullstack Developer — Atqan Gulf Arab Co. Financial Technology Company

KSA (Remote) | Dec 2023 – Feb 2026

- Led the migration of a legacy financial management codebase into a fullstack TypeScript monorepo of 2 apps, built on Turborepo and pnpm workspaces.
- Architected a contract-driven API layer with TS-Rest, enforcing end-to-end type safety between the Nuxt 3 frontend and NestJS backend controllers.
- Designed and shipped a modular Nuxt 3 frontend spanning 50+ layers, built on Vue 3 Composition API and Tailwind CSS for a multi-module fintech ERP platform.
- Built and maintained NestJS and TypeORM backend services carrying the financial domain logic across 3 modules: invoicing, accounting and reporting.
- Modelled and maintained the platform's PostgreSQL database — 200+ tables across 3 schemas — behind the TypeORM entity layer.
- Established the platform's testing practice from scratch, introducing Vitest for unit tests and Playwright for end-to-end coverage.

Front-End Developer — Edraak Technologies

Algiers | Oct 2023 – Dec 2023

- Built an e-commerce site for mobility chairs and accessories using Vue.js 3, Nuxt and the Composition API.
- Developed the company's corporate website with responsive layouts and verified cross-browser compatibility.

Front-End Developer — Naseej for Education Solutions

KSA (Remote) | Jul 2022 – Apr 2023

- Developed student portal interfaces in React.js and TypeScript, implementing the screens behind academic workflows.
- Built the front-end components of a training management application and integrated them with backend REST APIs.

Fullstack Developer — Makane Consulting Group

Algiers | Jul 2019 – May 2022

- Architected the React.js frontend of an ERP system for sports associations and clubs, spanning 3 modules: membership management, scheduling and financial tracking.
- Developed backend services with Spring Boot and REST APIs, and designed the PostgreSQL schemas behind them.
- Delivered an additional client-facing Vue.js project in a separate business domain.

Fullstack Developer (Master's Internship) — National Society of the Technical Control of Public Works (CTTP)

Algeria | Feb 2019 – Jul 2019

- Designed and implemented a road maintenance management system as a Master's degree project, enabling tracking and planning of infrastructure repairs.
- Built the frontend in Vue.js and the backend in Laravel, integrating PostGIS for geospatial storage and map-based visualisation.
- Delivered a working prototype adopted internally by the engineering team to assess road conditions and prioritise maintenance schedules.

Freelance Fullstack Developer — Self-Employed

Algeria | Jul 2018 – Jun 2021

- Delivered 3 client products — a sales management app, a delivery management dashboard and a multimedia graphic keyboard — using Vue.js, TypeScript, Tailwind CSS and Laravel.
- Built a real-time dashboard for a pharmaceutical event using Nuxt and Firebase.

EDUCATION

Master's Degree in Software Engineering — Computer Science

University of Science and Technology Houari Boumediene | Bab-Ezzouar, Algiers | Sep 2017 – Jul 2019

Bachelor's Degree in Information Systems and Software Engineering — Computer Science

University of Science and Technology Houari Boumediene | Bab-Ezzouar, Algiers | Sep 2015 – Jul 2017

Integrated Preparatory Classes — Computer Science

National Higher School of Computer Science (ESI) | Oued Smar, Algiers | Sep 2012 – Jul 2015

Baccalaureate Technical-Math (Electrical Engineering)

Secondary School Addaoui l'Hbib Medrissa Tiaret | Medrissa Tiaret, Algeria | Jun 2012

SKILLS

Programming Languages: TypeScript, JavaScript, Java, PHP, SQL, HTML, CSS

Frontend: Vue.js 3, Nuxt 3, React.js, Composition API, Pinia, Tailwind CSS, Vite, Responsive Design, Web Accessibility

Backend: NestJS, Node.js, TypeORM, TS-REST, Spring Boot, Laravel, REST APIs, PostgreSQL, PostGIS

Architecture & Tooling: Monorepo Architecture, Turborepo, pnpm Workspaces, Git, CI/CD, Firebase, Agile / Scrum

Testing: Vitest, Playwright, Unit Testing, End-to-End Testing

Languages: Arabic (Native), English (Professional), French (Professional)