

Ayoub Senhaji Hamim

Software Engineer — Front-End

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SUMMARY

Software engineer with three years of professional front-end experience, currently leading front-end development on client-facing Vue.js applications at Forvis Mazars. Works across the modern JavaScript and TypeScript ecosystem — Vue, React, Next.js — with production experience in end-to-end testing, component architecture, and real-time systems.

EXPERIENCE

Front-End Developer — Forvis Mazars

Casablanca, Morocco • July 2023 – Present

- Build and maintain client-facing Vue.js applications; contributed to five major projects and currently lead front-end development on the sixth.
- Introduced Cypress end-to-end testing across critical projects, raising coverage and automating validation of key user flows.
- Designed reusable component libraries and state management with Vuex and Pinia, reducing build time for new features.
- Review code and mentor junior developers; set the linting and formatting standards used across the team.
- Own client-facing technical communication on my projects, from scoping through delivery.

Front-End Developer, Intern — FeverTokens

March 2023 – July 2023

- Built a blockchain wallet with Next.js, TypeScript, and Web3.js supporting secure transaction flows.
- Refactored a large legacy codebase, improving developer experience, UI performance, and maintainability.
- Contributed to a Web3 admin console allowing users to create and manage custom marketplaces.

SELECTED PROJECTS

Recall — *React, TypeScript, TMDB API* • github.com/AyoubSen/recall

Rebuilds a viewing history by swiping a deck ordered for recognisability, using a viewer-calibration round and a deterministic ranking engine that interleaves results to avoid repetition.

EvilEggs — *React, Phaser, Colyseus* • evileggs.vercel.app

Original turn-based artillery game with destructible terrain; online 1v1/2v2/3v3 on a Colyseus authoritative server running a deterministic fixed-tick simulation.

Store Templater — *Next.js, Drizzle ORM, Neon* • store-templater.vercel.app

Schema-driven visual builder for ecommerce storefronts, exporting to static HTML/CSS or a ready-to-run Next.js project.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML, CSS

Frameworks: Vue.js, React, Next.js, Astro, TanStack Start, React Native (Expo), Phaser

State and Data: Vuex, Pinia, Convex, Drizzle ORM, PostgreSQL (Neon), Supabase, REST, GraphQL

UI and Testing: Element Plus, Tailwind CSS, Bootstrap, Cypress

Real-Time, Desktop, Web3: Colyseus, PartyKit, WebSockets, Tauri with Rust, Web3.js, dApps

Tools and Practices: Git, Docker, Vite, Webpack, npm, pnpm, Agile/Scrum, responsive design, code review, accessibility

EDUCATION

Diplôme d'Ingénieur in Computer Engineering and Networks — five-year degree, equivalent to a Master's / Bac+5. EMSI, Casablanca • 2018 – 2023

Final-year project: a Web 3.0 application on a hybrid cloud and blockchain backend.

LANGUAGES

English: C1 (IELTS) • French: C1 (TCF) • Arabic: Native • German: Beginner (learning)