Casper Willems Senior Vue Developer

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PROFILE SUMMARY

- **Senior Vue Developer** with **8 years** of front-end work, on the **Storyblok Visual Editor** since 2022, the part of the headless CMS where content teams edit pages next to a live preview.
- Hands-on with **Vue 3** and strict **TypeScript**, **Pinia** for editor state, **TanStack Query** for server data, **Vitest** and **Playwright** for tests, and **Vite** for builds.
- Deep experience in **large reactive trees**, **undo and redo history** and **live preview over postMessage**, and profiles with **Vue DevTools** before touching a slow component.
- Plans work with **product managers, 2 designers and the Management API team**, and writes an RFC for any change to the editor's **public plugin API** before code starts.
- Reviews most front-end pull requests in the editor, mentors **3 mid-level developers**, and led the team's move from **Vue 2** to **Vue 3**.

TECHNICAL SKILLS

Vue & Nuxt:	Vue 3, Composition API, script setup, Vue Router, Nuxt 4, Vue 2 (Options API)
Languages:	TypeScript (strict), JavaScript, HTML, CSS, Node.js
State & APIs:	Pinia, TanStack Query, VueUse, REST APIs, GraphQL, Zod
UI Kits & Styling:	Tailwind CSS, Sass, scoped CSS, design tokens, Storybook
Testing:	Vitest, Vue Test Utils, Playwright, Testing Library, MSW
Build & Tooling:	Vite, vue-tsc, ESLint, pnpm workspaces, GitHub Actions
Performance, SEO & Accessibility:	Vue DevTools profiling, Core Web Vitals, Sentry, WCAG 2.2 AA, axe DevTools

EDUCATION

Karel de Grote University of Applied Sciences and Arts — Bachelor in Applied Computer Science — Antwerp, Belgium · Sep 2015 to Jun 2018

WORK EXPERIENCE

Storyblok — Senior Frontend Engineer, Visual Editor — Antwerp, Belgium (remote) · Feb 2022 to Present

- Rebuilt the editor's field tree with **shallowRef** and computed selectors in typed composables, so pages with 2,000+ nested blocks stay responsive, cutting typing lag from 380 ms to **90 ms**.
- Split editor state from one Vuex store into **Pinia** stores by domain, with an undo history plugin that records every action, cutting lost-edit support tickets by **64%**.
- Replaced hand-written fetch calls with **TanStack Query** and a typed client for the Management API, with optimistic saves and retries, cutting duplicate requests per editing session by **70%**.
- Led the editor's move from **Vue 2** to **Vue 3** with the migration build, porting **310** components over 7 months without pausing the weekly releases.
- Added **Playwright** tests for 22 editor flows and **Vitest** tests for every store, with strict vue-tsc checks on each pull request, cutting regressions found after release from 15 a quarter to **4**.

Craftzing — Front-End Developer — Antwerp, Belgium · Sep 2018 to Jan 2022

- Built **Nuxt 2** sites for 9 client brands, with static generation for content pages and server rendering for product pages, each scoring above **90** on Lighthouse performance at launch.
- Started the agency's shared **Vue** component kit of 45 components with slots and Storybook docs, which cut setup for a new client project from 2 weeks to **3 days**.
- Cut a retail client's checkout JavaScript by **41%** with async components and by replacing Moment.js with date-fns, which lowered drop-off on the payment step.