Dennis **Morello**

Lead Frontend Engineer

Milan, Italy

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Summary

Lead frontend engineer with 10+ years of experience building web products for fintech and media companies, mainly with React and TypeScript. Sets the technical direction of frontend initiatives at Moneyfarm. As a senior engineer at Moneyfarm, proposed the monorepo for the partner apps and led the accessibility work across all customer-facing apps. Creator of Awesome Reveal, an open-source animation library with over 2 million npm downloads a year.

Skills

Languages	TypeScript, JavaScript, HTML, CSS
Libraries	React, Next.js, Astro, TanStack Query, XState, Radix UI, Tailwind CSS
Testing	Vitest, Testing Library, Cypress, MSW, axe
Tooling	Vite, pnpm, Turborepo, Storybook, Sentry
Practices	Design systems, Web accessibility (WCAG, WAI-ARIA), Web performance
Spoken	Italian (native), English (professional)

Experience

Moneyfarm — *Milan, Italy*

Lead Software Engineer — *Feb 2026 – Present*

- Set the technical direction of frontend initiatives as the only frontend engineer in a team of five, represent the team in the frontend chapter, and interview candidates for senior and lead roles.
- Upgraded Vite in the main customer app, which made dev-server start-up and builds faster and the config simpler.
- Improve loading transitions in the main customer app by keeping the page layout visible and stopping spinner restarts.
- Built a Claude Code plugin for writing architecture decision records (ADRs) and published it on the internal plugin marketplace. Engineers across Moneyfarm now use it.
- Prototyped a modular SDK that lets partners add Moneyfarm services, such as a trade button, to their own apps.
- Work with the other engineers on the end-to-end architecture of new features. Wrote the ADR, now accepted, that proposes idempotency for the trading order service, so that a retried order cannot run twice.
- Build compliance features in Scala services and back-office tools, such as ID document review. The compliance team can now change the anti-money-laundering (AML) risk score of a client without help from engineers.

Senior Frontend Software Engineer — *Sep 2023 – Feb 2026*

- Built white-label investment apps for UK and Italian partners, used by about 80,000 customers.
- Led the frontend of three partner launches (a Cash ISA, US shares and portfolio collections), all delivered on schedule.
- Improved Largest Contentful Paint (LCP) by 35% in production and reduced bundle size by 15%, so pages load faster on slow mobile connections.
- Proposed a monorepo for all partner apps (pnpm, Turborepo), guided its first implementation, then owned its CI, caching and shared packages. Upgraded its stack, which made CI builds 5–8 times faster and test runs 25% shorter, and cut CI costs.
- Audited all customer-facing Moneyfarm apps with axe and the ARIA Authoring Practices Guide, and proposed a prioritised fix plan that made accessibility a focus of the frontend chapter. A talk on the topic led other engineers to fix the same issues.
- Chose Radix UI for the components of the partner apps, then built the shared UI library of the monorepo on shadcn/ui and Radix UI, so that its components follow the ARIA patterns by default.
- Built the shared API package of the monorepo, so that all partner apps use one typed client that Orval generates from the OpenAPI specs (TanStack Query hooks, MSW mocks for tests).
- Built and refactored multi-step flows, such as the W-8BEN form for US shares and the tax relief flow, as XState state machines, which made the transitions between steps simpler.
- Built the e-signature step of the ISA transfer form (frontend and backend), and added ID re-verification to the mobile apps.
- Mentored junior and mid-level engineers, one of whom was promoted from mid-level to senior.

Satispay *Milan, Italy*

Senior Frontend Software Engineer *Dec 2021 – Sep 2023*

- Built the meal voucher dashboard from scratch, where companies sign up for the Satispay meal voucher service (React, Vite).
- Built features for the Satispay merchant dashboard and for the internal back-office tools that manage merchants.
- Mentored junior and mid-level frontend engineers, one of whom was promoted from junior to mid-level.

ContentWise *Milan, Italy*

Senior Frontend Software Engineer *Apr 2021 – Dec 2021*

- Built the frontend of a new dashboard for an AI-assisted inventory system for fashion brands (Next.js, TanStack Query).
- Started Spindle, a new design system for the company's dashboards, and built its first components.
- Led the frontend team, interviewed candidates for junior and mid-level roles, and organised internal frontend meetups.

Frontend Software Engineer *Apr 2019 – Apr 2021*

- Built UX Engine, a React dashboard where video-on-demand services design the rows of titles on their home pages.

Junior Software Engineer *May 2016 – Apr 2019*

- Developed the dashboard that clients use to configure the recommendation engine (AngularJS, Java).

Open Source

Awesome Reveal *awesome-reveal.dev*

Creator and Maintainer *2019 – Present*

- Built a reveal-on-scroll library for React, Vue, Astro and JavaScript on IntersectionObserver and the Web Animations API.
- Grew it to 1,100+ GitHub stars and over 2 million npm downloads a year.

Defrag98 *defrag98.com*

Creator *2024 – Present*

- Built a browser simulator of the Windows 98 Disk Defragmenter, covered by The Verge, Hackaday and PC Games Hardware.

Education

University of Trieste *Trieste, Italy*

MSc in Computer Engineering, 110/110 with honours *2014 – 2016*

University of Trieste *Trieste, Italy*

BSc in Information Engineering, 105/110 *2009 – 2013*

Talks and Publications

Writing Accessible Components *ReactJS Milano meetup*

Speaker *Nov 2022*

- Live-coded an accessible accordion component in React. Gave the talk again at Moneyfarm in 2024.

"Best Dinner Ever!!!": Automatic Generation of Restaurant Reviews with LSTM-RNN *IEEE/WIC/ACM WI*

Co-author *2016*