

ANDREA LISI

SENIOR SOFTWARE ENGINEER / FRONTEND PLATFORM & GOVERNANCE / VIENNA

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PROFILE

Senior Software Engineer with more than 18 years of experience, focused on frontend platforms, architecture and governance. At Tricentis I work on the frontend platform behind Tosca Cloud: a micro-frontend monorepo containing 16 projects and shared by more than 12 teams. I stay hands-on with code and work closely with developers, managers, design, security and sales.

EXPERIENCE	FOCUS	BASED	FOUNDATION
18+ years	Frontend platform	Vienna / hybrid	Art and design

/ EXPERIENCE

Senior Software Engineer

2023 - NOW

Tricentis - Tosca Cloud - Vienna, Austria

- Work on the frontend platform behind Tosca Cloud, a micro-frontend monorepo containing 16 projects and shared by more than 12 teams.
- Work on monorepo architecture and governance: module boundaries, dependency rules, shared frontend standards and RFCs that affect the shared platform.
- Administer the Tosca Cloud repository on GitHub and automate pipelines, including on Azure. With the platform architect, work on build caching and performance, CI structure and quality gates.
- Implement and maintain integrations shared across multiple frontend applications. Examples include observability with OpenTelemetry and the application-side authentication flow after Okta login, including JWT handling and HTTP interceptors. Debug cross-project issues at platform level.
- Regularly evaluate AI tools, including Claude and Cursor, on real repository work. If they keep stumbling over the same parts of the codebase, improve its documentation, rules or shared tooling.

Frontend Developer

2019 - 2023

Treedom - Florence, Italy

- Worked as part of the frontend team on moving the storefront out of the monolith using React, Vue and GraphQL.
- Helped rebuild the storefront as the company grew from around 20 to more than 150 people.
- Built interfaces for high-traffic campaigns and worked regularly with design and design-system teams to match mockups and shared standards.
- For the final two years, built the frontend for internal back-office tools from scratch as the project's only frontend developer, working alongside the backend team and the people running forestry operations.

Frontend Developer

2017 - 2019

Forzieri.com - Florence, Italy

- Modernized a live luxury e-commerce platform through an incremental migration from ASP and jQuery to React with a new Webpack setup.
- Continued shipping features throughout the migration and worked on both the storefront and the internal CMS used for orders and daily operations.

/ EXPERIENCE CONTINUED

Head of Web - Designer & Developer

2007 - 2017

Easysystem - Figline Valdarno, Italy

- Joined as a designer, then worked across web development, backend systems and infrastructure installed at client sites.
- Designed websites, interfaces, visual identities and print materials; built and maintained frontend and backend applications.
- Installed servers, networks and firewalls for client companies, including manufacturers in Tuscany's leather and fashion district.

/ TECHNICAL CAPABILITIES

WEB PLATFORM TypeScript JavaScript HTML Modern CSS DOM & Web APIs	FRONTEND & ARCHITECTURE React Vue Next.js Astro Micro-frontends Module Federation
DATA & INTEGRATIONS Node.js GraphQL/Apollo REST WebSockets/Socket.io MongoDB Okta/JWT OpenTelemetry	BUILD SYSTEMS Nx Vite Webpack pnpm workspaces Build caching
TESTING & DELIVERY GitHub Actions Azure Pipelines Vitest/Jest Testing Library Playwright Storybook	DESIGN & UI ENGINEERING Graphic and visual design Design systems Figma Design tokens Responsive UI WCAG/ARIA
PERFORMANCE & SECURITY Core Web Vitals Lighthouse HTTP/CDN caching CSP OWASP Top 10	PLATFORM & AI Docker Cloudflare Claude Cursor MCP AI-assisted development

/ HOW I WORK

RULES BECOME CHECKS I document why a shared rule exists and automate it where possible, so teams do not have to rely on memory.	HANDS-ON, ACROSS TEAMS I keep implementing and debugging while working daily with developers, managers and other departments.	AI MUST BE VERIFIABLE I review diffs, run tests and keep only changes I can explain and maintain.
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/ PERSONAL PROJECTS

- Lumina [luminamud.com](#)

A fantasy MUD built end to end with Node.js, MongoDB, React and Cloudflare.
- lockhound [github.com/karedas/lockhound](#)

Zero-dependency Windows CLI that finds and terminates processes locking a folder through the Restart Manager API.

/ EDUCATION & LANGUAGES

- IFTS Advanced Technical Certificate

Software Development - Java web application programmer diploma.
- Diploma in Arts

Istituto Statale d'Arte di Firenze - Art and Design.
- Languages

Italian: native | English: full professional | German: elementary, currently studying