

ANDREA LISI

SENIOR SOFTWARE ENGINEER / FRONTEND PLATFORM & GOVERNANCE / VIENNA

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PROFILE

I'm a Senior Software Engineer with more than 18 years of experience building web applications. Frontend is my strongest area, particularly architecture, shared systems and the tooling used by development teams. I started by designing and building websites, then focused increasingly on frontend engineering, while also working on backend systems and infrastructure. I remain hands-on with code while contributing to technical decisions that affect multiple projects and teams.

EXPERIENCE	FOCUS	BASED	BACKGROUND
18+ years	Frontend systems	Vienna / hybrid	Web design & UI

/ EXPERIENCE

Senior Software Engineer

2023 - NOW

Tricentis - Tosca Cloud - Vienna, Austria

- Build and maintain the frontend platform behind Tosca Cloud, a micro-frontend monorepo containing 16 projects and shared by more than 12 teams.
- Contribute to monorepo architecture and governance, including module boundaries, dependency rules, shared frontend standards and RFCs that affect the platform.
- Administer the Tosca Cloud repository on GitHub and automate GitHub Actions and Azure Pipelines workflows. Work with the platform architect on build caching and performance, CI structure and quality gates.
- Implement and maintain integrations shared across frontend applications, including OpenTelemetry observability and the application-side authentication flow after Okta login, with JWT handling and HTTP interceptors. Investigate recurring cross-project issues at platform level.
- Evaluate AI tools such as Claude and Cursor on real repository work, then use recurring failures to improve documentation, repository rules and shared tooling.
- Work closely with developers and managers across teams, and with design, security, sales and other departments when platform changes affect their work.

Frontend Developer

2019 - 2023

Treedom - Florence, Italy

- Contributed to 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

CORE WEB ENGINEERING TypeScript JavaScript HTML Modern CSS DOM & Web APIs Responsive UI	FRONTEND SYSTEMS & ARCHITECTURE React Vue Micro-frontends Shared libraries Module boundaries Shared frontend standards
DATA & APIS GraphQL/Apollo REST WebSockets/Socket.io Node.js MongoDB	INTEGRATIONS & OBSERVABILITY Okta JWT HTTP interceptors OpenTelemetry Cross-application integrations
MONOREPOS & PACKAGE MANAGEMENT Nx pnpm workspaces Dependency boundaries Shared packages Repository governance	BUILD & BUNDLING Vite Webpack Build configuration Build caching Build performance
TESTING & CODE QUALITY Vitest Jest Testing Library Playwright Storybook ESLint Prettier	DELIVERY & REPOSITORY OPERATIONS Git GitHub Repository administration GitHub Actions Azure Pipelines CI/CD Quality gates
PERFORMANCE & ACCESSIBILITY Core Web Vitals Lighthouse Code splitting Bundle analysis Browser and CDN caching WCAG/ARIA Keyboard navigation	DESIGN & UI ENGINEERING Graphic design Visual identities Figma Adobe Creative Cloud Design systems Design tokens Pixel-accurate implementation
AI-ASSISTED ENGINEERING Claude Cursor MCP-based tooling Tool evaluation Repository context and rules Review and test gates	PLATFORMS & INFRASTRUCTURE Cloudflare Windows Server Networking Firewalls Windows Restart Manager API

/ HOW I WORK

RULES BECOME CHECKS I document why a shared rule exists and automate it where possible. That keeps it consistent and saves me from repeating it to a dozen people.	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