Andrea Lisi

Senior Software Engineer

Web development, frontend platforms and developer tools

Vienna, Austria | Remote or hybrid | lisandr84@gmail.com
andrea-lisi.com | github.com/karedas | linkedin.com/in/andrea-lisi84

I have been building web applications for over 18 years, with deep frontend experience and a background in web design. I write code, build shared resources and work with teams on architecture, performance and developer tools. I have also worked on backend systems and infrastructure.

Experience

Senior Software Engineer

2023 - present

Tricentis | Vienna, Austria

Experience across Tosca Cloud, Tosca Road and qTest

- **Collaboration.** On Tosca Cloud, spanning 16 projects and 12+ teams, I defined monorepo solutions with developers, engineering managers, principal engineers and product stakeholders.
- **Development.** I built shared libraries and tools and resolved cross-project issues; product teams owned their features. I wrote ADRs and automated checks for repository rules.
- **Migrations.** I built infrastructure for Tosca Cloud and NeoLoad design system upgrades, supported migrations and updated shared components and themes.
- **Repository & CI.** I administered the GitHub repository and automated GitHub Actions and Azure Pipelines. I optimized builds and caching and modernized developer tools.
- **AI.** I evaluated Claude, Cursor and other tools on real tasks, maintained repository context and checked the resulting code through review and tests.

Frontend Developer

2019 - 2023

Treedom | Florence, Italy

- I worked on the Vue website and CMS, helped migrate the storefront from a PHP monolith to React and contributed to the Node.js/GraphQL BFF alongside the backend team.
- I built interfaces for high-traffic campaigns, working with design and design system teams to match mockups and shared standards.
- For the final two years, I was the only frontend developer alongside the backend team, building the back-office from scratch with the people running forestry operations.

Frontend Developer

2017 - 2019

Forzieri.com | Florence, Italy

- I modernized the frontend of a live luxury e-commerce platform, introducing React and Webpack incrementally while continuing to build features.
- I worked on the storefront and the internal CMS used for orders and daily operations.

Head of Web - Designer & Developer

2007 - 2017

Easysystem | Figline Valdarno, Italy

- I started by designing and building websites, then also worked on frontend and backend applications, visual identities and print materials.
- I installed servers, networks and firewalls for clients in Tuscany's leather and fashion district.

I authorize the processing of my personal data under EU Regulation 2016/679 (GDPR).

Andrea Lisi

Technical skills

Web development
TypeScript | JavaScript | HTML | Modern CSS | DOM & Web APIs | Responsive UI | Canvas | SVG | PixiJS/WebGL

Frontend systems & architecture
React | Vue | Zustand | Redux Toolkit | TanStack Query | MUI | Micro-frontends | Shared libraries | Module boundaries | RFC | ADR

Data & APIs
GraphQL/Apollo | REST | WebSockets/Socket.io | Node.js | MongoDB | PostgreSQL | MySQL

Integrations & observability
Frontend integration after Okta login | JWT | HTTP interceptors | OpenTelemetry

Monorepos & package management
Nx | Turborepo | pnpm workspaces | Governance & dependencies

Build & bundling
Vite | Webpack | Build caching | Build performance

Testing & code quality
Vitest | Jest | Testing Library | Playwright | Storybook | ESLint | Biome | Oxlint | 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 development
Codex | Claude Code | Cursor | GitHub Copilot | MCP-based tooling | Tool evaluation | Repository context and rules | Review and tests

Platforms & infrastructure
Cloudflare | Windows Server | Networking | Firewalls | Windows Restart Manager API

Personal projects

Lumina | luminamud.com
A multiplayer text-based fantasy game, in development. I work on interface design, the Node.js/MongoDB backend, React client and Cloudflare infrastructure.

Deepfield | Discontinued experiment
A space simulation in TypeScript and PixiJS: maps, ship panels, interaction design and data visualization.

lockhound | github.com/karedas/lockhound
A zero-dependency Windows CLI to find processes locking a folder. Terminating them requires an explicit action.

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.

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

I authorize the processing of my personal data under EU Regulation 2016/679 (GDPR).