Leonardo Trapani

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WORK EXPERIENCE

Software Developer   Jun 2023 — Present
Datapizza   *Milan, Italy*

- Early employee (#8) at fast-growing startup (datapizza.tech) that scaled to 80+ employees across multiple product lines and codebases
- Led frontend technical strategy for Datapizza Jobs, making strategic technology decisions and implementing architecture using modern technologies including TanStack Router, Vite, Next.js, ShadCN, and Turborepo
- Built and managed internal CRM system supporting 100,000+ candidate pipelines, driving key product decisions from conception to deployment
- Migrated the repository from 5 different frontend repositories to a single monorepo with Turborepo, from idea proposal, to managing team migration, codebase architecture, planning, and managing development itself
- Mentored two junior developers, conducting code reviews and establishing development frontend standards

Freelance Developer & Technical Founder   Sep 2022 — Present
Self-Employed   *Milan, Italy*

- Transform startup and app ideas into working products, delivering full development lifecycle from planning and branding to UI/UX design, secure development, SEO, documentation, and hosting
- Build production-ready applications for startup growth, adapting technology stack to project requirements and client needs
- Built Nutrivetpet from zero to production: complete pet nutrition platform serving 3,000+ monthly paying users, earning equity stake for technical leadership and strategic vision
- Developed mobile application for Sintesy featuring real-time socket connections to oxygen sensors for oxygen monitoring

EDUCATION

Bocconi University   Milan, Italy
Bachelor of Science in Economics, Management and Computer Science (BEMACS)   *Aug 2025 — Jul 2028 (Expected)*

- Highly selective interdisciplinary program combining quantitative skills, data science, machine learning, and business strategy
- Core focus: Mathematics, Statistics, Computer Science, Economics, Management, and Data-driven Decision Making

PROJECTS

Creator, Rediredge (rediredge.app)   2025 — Present

- blazing-fast, self-hostable domain redirector combining a Go edge with a Next.js control plane
- built stateless Go redirector with autocert-based HTTPS and sub-millisecond redis lookups
- implemented outbox + sync worker system for reliable Postgres→Redis propagation
- designed horizontally-scalable architecture separating control and data planes
- added async analytics pipeline and billing integration via Polar
- delivered one-command self-hosting through docker compose templates
- focused on minimal ui with bullet-proof UX

Creator, Hyprvoice (github.leotrapani.com/hyprvoice)   2025 — Present

- Built voice-powered typing system for Wayland/Hyprland (arch linux) using Go, featuring real-time audio capture via PipeWire and AI transcription
- Designed daemon architecture with state machine for audio recording, transcription, and text injection workflow
- Implemented complex thread synchronization for parallel audio processing and transcription
- Maintained the open source repo, solving issues and reviewing PRs

SKILLS

- **Programming Languages**: TypeScript, Go, Python, Bash
- **Technologies**: AWS, Next.js, React, TanStack Ecosystem, Vite, Zod, Docker, GraphQL, tRPC, Turborepo, Vercel, Vercel AI Sdk, ShadCN, Tailwind CSS, PostgreSQL, Prisma, Node.js, Django, Linux/UNIX, Docker…