

Vincenzo Rippa

Technical Lead / Lead Software
Engineer

*Application Architecture · API & Integration ·
AI-enabled Products · Web / Mobile / Cloud*

Milan, Italy · Open to hybrid roles in Milan and remote opportunities

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Portfolio: rippa.dev

ABOUT

Senior software professional with 9 years of experience designing and evolving application systems across mobile, web, cloud, and AI-enabled product contexts. Strong background in technical leadership, application architecture, API design, integration flows, system boundaries, and cross-stack delivery. Most effective in hands-on lead roles that combine technical direction with direct contribution: shaping solutions, assessing feasibility, improving engineering practices, and keeping integration-heavy systems coherent as they evolve.

Selected Technologies: TypeScript · Python · n8n · LangGraph · ComfyUI · Next.js · Node.js · Swift · Kotlin · Flutter/Dart · PostgreSQL · Docker

EXPERIENCE

Virtuosa — Lead Software Engineer / AI (Freelance)

Jan 2026 — Present · Remote

- Leading technical development for a pre-seed AI media initiative, helping translate early product ideas into a concrete implementation plan
- Designing AI workflows using n8n, LangGraph, and ComfyUI, with a focus on assisted generation, modular step orchestration, artifact modeling, output management, and integration with local components, external services, and cloud storage
- Developing proof-of-concept components in Python and experimental components containerized with Docker, with attention to isolation, repeatability, progressive scalability, and operational simplicity
- Setting up infrastructure across PaaS, SaaS, and cloud compute services for hosting, application runtimes, databases, and storage, including Render, Vercel, Runpod, Supabase, and AWS S3, with attention to cost and operational simplicity
- Designing and shipping the public website in Next.js, including CMS-managed content with Strapi, domain/DNS configuration through Cloudflare, and deployment setup
- Working directly with the founders to turn early concepts into technically feasible components, sustainable architectural choices, and operational decisions for the product's next steps

Horsa — Technical Lead / Application Architect

Feb 2022 — Sep 2025 · Milan, Italy

- Progressed from a mobile-focused technical lead role into broader responsibility for application architecture and cross-team technical coordination in an integration-heavy domain
- Became a continuity point for the application domain after the original architectural ownership changed, helping preserve technical coherence across team transitions and releases
- Held technical responsibility for a production e-mobility application domain spanning native mobile apps, API-based backend services, internal admin tooling, and internal and third-party integrations
- Acted as the technical reference for new changes impacting the domain, defining API contracts, integration flows, system boundaries, and change-impact assessments needed to align implementation choices with the existing system, especially in areas such as payments and sector protocols like OICP and OCPI
- Contributed to the evolution of the application architecture by assessing feasibility, identifying constraints, and helping keep new features consistent with the wider system

- Served as a cross-stack technical reference for fault analysis, ownership boundaries, technical risks, and design trade-offs, helping teams reduce ambiguity during change
- Strengthened engineering practices across initiatives, defining guidelines for repository access, secret handling, CI/CD workflows, code review discipline, and technical debt reduction
- Contributed to the recovery of Flutter educational game project by realigning APIs and business logic and delivering hands-on mobile fixes to restore client-testable quality
- Supported selected feasibility assessments, effort estimates, and technical interviews for mobile- and frontend-oriented roles

omninx — Mobile Lead

Feb 2020 — Jan 2022 · Milan, Italy

- Led technical direction for native and cross-platform mobile initiatives, working closely with product and design on architecture, implementation, and delivery
- Defined mobile architecture, service interfaces, and cross-project technical foundations, with work involving Flutter/Dart, Swift, Kotlin, GraphQL, AWS Amplify, Firebase, UML, and technical flow diagrams
- Designed, documented, and maintained SDKs and reusable internal libraries, improving code reuse and integration across projects
- Took ownership of release processes and related workflows across App Store, Play Store, OTA distribution, fastlane, and GitLab CI
- Contributed during a transition phase to backlog definition, sprint planning, stakeholder communication, and product evolution without shifting primary focus away from technical leadership

Vegan Solutions — Senior Mobile Developer

Nov 2018 — Jan 2020 · Milan, Italy

- Developed native mobile applications across iOS and Android, contributing to code architecture, implementation quality and client acceptance phases
- Took technical leadership responsibilities on internal projects for luxury retail and finance-related clients
- Developed reusable components, following internal technical standards, coordinating with backend and design stakeholders

Accenture — Associate Application Developer

Apr 2017 — Sep 2018 · Naples, Italy

- Built native iOS applications in structured enterprise environments, contributing to UI implementation, networking, persistence layers
- Gained early experience with production delivery, technical patterns, and collaboration inside large organizations

EDUCATION

- Apple Developer Academy @ **Università Federico II** — Apple-certified program
 - High School Diploma in Accounting
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I authorize the processing of personal data present in the CV according to the General Data Protection Regulation 679/2016