

Andrea Scorti

LEAD FRONTEND ARCHITECT

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PROFILE

Over a decade architecting frontend platforms, shipping performance-driven products, and collaborating across teams at scale. Now driving Agentic AI into UX/UI workflows.

CORE EXPERTISE

Design Systems · Micro Frontends · Front-End Development · Front-End Design · Software Architecture · TypeScript · JavaScript · Angular · DevOps · Microsoft Azure · Non-Functional Requirements · Agile Methodologies · Software Engineering · HTML / CSS · Java · Python · AI Agent Tooling · Skill Engineering

EXPERIENCE

Lead Software Architect (Frontend)

Apr 2026 — Present · France

Amadeus

Collaborating with senior and lead architects in a transversal architecture network to provide frontend architecture recommendations and guidelines company-wide, with a focus on Agentic AI for UX/UI. Contributing to the integration of architecture standards into the agentic high-level design (HLD) and A3TK framework. Driving the integration of AI agent tooling into frontend workflows. Expertise in frontend frameworks, UI design, and DevOps practices. Open source contributor.

Software Architect (Frontend)

Jan 2024 — Apr 2026 · France

Amadeus

Collaborated with senior and lead architects in a transversal architecture network to provide frontend architecture recommendations and guidelines company-wide, with a focus on Agentic AI for UX/UI. Contributed to the integration of AI agent tooling into frontend workflows across frontend frameworks, UI design, and DevOps practices.

Enterprise Software Architect (Frontend)

Aug 2022 — Jan 2024 · France

Amadeus Hospitality

Enterprise frontend architect for the Hospitality division. Defined frontend standards and platform direction for hospitality products.

Software Architect (Frontend)

Jun 2019 — Aug 2022 · Nice, France

Amadeus

System architect of a SAFe Agile Release Train for Web Touchpoints, working closely with the Lean Portfolio Management (LPM) leadership team. Provided architectural direction for a train of 50+ developers delivering a digital product used by millions of travelers across 20+ airlines. Supported DevOps and security development lifecycle adoption, defined the architectural runway, mentored teams, and improved developer experience through technical enablers.

Software Engineer

Aug 2016 — Jun 2019 · Nice, France

Amadeus

Engineered a UI framework based on Angular to streamline digital product implementation for airlines. Built developer experience tooling to increase team productivity. Pioneered new technologies for the department and contributed to next-generation product architecture.

Software Engineer & Product Owner

Dec 2014 — Aug 2016 · Nice, France

Amadeus

Development team for airline e-commerce. Delivered evolutions for Air China, China Southern, and Hainan Airlines. Adopted WCAG accessibility standards, revamped responsive design, and took on the product owner role for the Air China project.

Software Engineer

Oct 2013 — Oct 2014 · Milan, Italy

TamTamy

Developed new functionalities for the enterprise social network platform. Improved usability and worked on application deployment.

EDUCATION**Politecnico di Milano**

2011 — 2013

Master's Degree in Computer Science Engineering

110 summa cum laude / 110

LANGUAGES

Italian: Native · French: Proficient · English: Professional

SELECTED PUBLICATIONS**Jackdaw: Towards Automatic Reverse Engineering of Large Datasets of Binaries****Detection of Intrusions and Malware, and Vulnerability Assessment (Springer)**

Automated malware behavior analysis and pattern recognition on 2,136 binaries.

Think Inside the Box: Ship the Docs in the Box**Amadeus Open Source · White Paper (2026)**

Co-authored proposal for shipping version-matched, AI-optimized documentation with library code, including the CoDoc specification and a working reference implementation.