

Marco Predari

Senior Software Engineer | Tech Lead

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SUMMARY

Senior Software Engineer and Tech Lead with 10+ years of experience building full-stack products and cloud infrastructure across start-ups and consultancies. Proven track record architecting AI-powered platforms, designing scalable AWS cloud architectures (Kubernetes, Terraform, microservices), and leading development teams to ship robust, high-quality software without sacrificing delivery speed. Extensive remote-work experience collaborating with distributed teams across Europe.

WORK EXPERIENCE

Senior Software Engineer — Epicode

Jan 2026 – Present

Remote · Freelance

Building AI-powered products for education and professional development.

- Designed and built LinkedOut, an AI-powered skill-assessment platform (Next.js, Express.js, OpenAI API) that evaluates professionals' CVs against future job-market trends and identifies skill gaps.
- Developed MicroLearn, an interactive microlearning platform delivering personalized learning experiences.

Tech Lead — Greenovation

Oct 2025 – Present

Remote · Freelance

Technical lead for web-based energy-efficiency simulation products.

- Architected and delivered energy-efficiency simulation tools that enable customers to optimize residential property performance and reduce operational costs.
- Designed a composable framework from scratch that standardizes simulator development, cutting the time needed to prototype and deploy new domain-specific simulators.
- Developed multiple vertical simulators for boilers, air conditioning systems, and home electrification (React, Next.js, TypeScript).

Cloud & Integration Architect — Spindox Labs - Ublique

Jan 2023 – Nov 2025

Remote

Architected and managed technical infrastructure for the Ublique AI-driven decision-intelligence platform.

- Partnered with pre-sales and solution teams to provide technical expertise during customer acquisition, contributing to a 25% increase in successful deals.
- Designed scalable cloud infrastructure using microservices architecture, Terraform, and Kubernetes on AWS, improving system reliability by 40%.
- Developed standardized Ansible playbook templates that reduced deployment time by 60% and streamlined development workflows.
- Collaborated with AI/ML teams to architect robust software and hardware infrastructures, enabling seamless integration of machine learning models.
- Engineered efficient data-integration patterns that accelerated customer data onboarding by 50%.

Tech Team Lead — Spindox Labs - Ublique

Jan 2022 – Jan 2023

Remote

Led a team of four developers responsible for the core of the Ublique platform (Java microservices).

- Developed a set of Gradle plugins to standardize the developer experience and enforce the team's working agreements.
- Designed a new CI/CD pipeline and versioning system with Jenkins.
- Created an integration system for third-party Artificial Intelligence algorithms, bringing advanced custom AI features into the Ublique platform.

Fullstack Developer — Spindox

Jan 2020 – Jan 2022

Hybrid

Worked across multiple company projects as part of a Chapter team.

- Led the adoption of the monorepo pattern for Angular projects.
- Migrated a legacy mobile application built on deprecated frameworks to an Ionic-based app, and designed new Azure Pipelines to manage its CI/CD.
- Built a reusable Angular component library adopted by all three teams working for the customer.
- Developed Cordova apps integrated with Microsoft Dynamics CRM data.

Mobile Developer — IOOOTA / Jarvis

2018 – 2020

Bologna, Italy

- Developed a smart-home mobile app (Cordova) performing energy analysis on business buildings.

Mobile Developer → Fullstack Developer — Horsa

2016 – 2020

Remote

- Early adopter of the Google Firebase platform and Cloud Run.
- Developed mobile applications with Cordova and Ionic.
- Designed a custom rule engine (Java Drools) for employee satisfaction analysis.

Fullstack Developer — Digitag

2015 – 2016

Milan, Italy

- Developed e-commerce software with WordPress and PrestaShop.
- Built tailor-made software solutions for the art auction market.

Fullstack Developer — Foowd

2013 – 2014

Remote · Freelance

- Created an e-commerce platform for social grocery buying based on the Elgg framework.

Frontend Developer — BigThink

2013 – 2014

Milan, Italy · Intern

- Developed AngularJS applications for the Facebook app market.
- Designed and contributed to the company framework for rapid delivery of full-stack applications (Laravel, AngularJS).

SKILLS

Team Leadership · Software Architecture · Microservices · AWS · Amazon ECS · Amazon EKS · AWS Lambda · Kubernetes · Terraform · Ansible · Docker · Podman · CI/CD · Jenkins · Azure Pipelines · Git · Bash · Linux Administration · JavaScript · TypeScript · React · Next.js · Angular · OpenAI API · LLM Integration · Node.js · Express.js · Bun · Java · Micronaut · Gradle · REST APIs

CERTIFICATIONS

- AWS Certified Cloud Practitioner — Amazon Web Services

EDUCATION

Bachelor's Degree in Computer Music Science

2007 – 2010

Università degli Studi di Milano

PROJECTS

Ublique — Tech Lead & Architect

Composable AI platform for decision intelligence integrating decision modelling, data analytics, AI, and mathematical optimization for manufacturing, logistics, supply chain, and utilities. Recognized as a Representative Vendor in the 2024 Gartner Market Guide for Decision Intelligence Platforms.

Technologies: React, Java, Micronaut, AWS, Terraform, Docker, Kubernetes

LinkedOut — Tech Lead & Architect

AI-powered platform that assesses whether professionals have the right skills to stay relevant in the job market, evaluating CVs against future job-market trends and identifying skill gaps and opportunities.

Technologies: React, Next.js, Express.js, OpenAI API, Vercel

cinepals — Creator

Stremio addon to swap movie & series recommendations with friends.

Technologies: TypeScript, Node.js

pytropolis — Creator

Python script execution via API in isolated virtual environments.

Technologies: Python, API