

108

Settimo Milanese (MI), Italy

info@108vision.it · +39 347 0684311

linkedin.com/in/elios-scoglio-44128913/

github.com/fuzzy77

www.108vision.it/profilo/software-manager

ELIOS SCOGLIO

Principal Software Architect · Engineering Manager ·
AI / LLM Builder

20+

Years Writing Code

+30%

Dev Velocity (AI)

98%

Bug Rate Drop

+400%

Deploy Frequency

+50%

Team Satisfaction

PROFESSIONAL SUMMARY

Principal Software Architect and Engineering Manager with 20+ years of hands-on development and architectural leadership across C# / .NET, Java, Python, Angular and cloud-native stacks — from startup to enterprise scale.

Currently heading Software Architecture & Development at Italy's #1 ticketing platform (TicketOne / CTS Eventim Group): steering full microservices migration, defining DDD bounded contexts, enforcing API-First / Security-by-Design / Observability standards, and pioneering a production multi-agent LLM platform integrated into the SDLC — personally designed and coded.

Unique trajectory: developer-first architect who never stopped writing code. Combines deep technical governance with human-centered leadership (Certified NLP Counselor) to deliver measurable results: +30% dev velocity, 98% bug rate drop, +400% deployment frequency.

AI & LLM ENGINEERING JOURNEY — FROM FIRST EXPERIMENTS TO PRODUCTION

2019–2024 · Toscano Immobiliare

Early AI & ML

Azure Cognitive Services: OCR on property contracts, image tagging & multilingual search. scikit-learn valuation models trained on transaction data. Azure OpenAI GPT-3 experiments for automated listing descriptions. Embedding-based semantic property search.

2024–2025 · Aruba S.p.A.

AI-Augmented DevOps

LLM-powered CI/CD pipeline intelligence (Python + GitHub Actions). Automated code quality checks via LLM diff analysis. LLM-assisted data migration tooling and operational scripts.

2025–Present · TicketOne

Production Multi-Agent LLM

Multi-agent pipeline (Analyst→Architect→Dev→QA) on AWS Bedrock + Anthropic SDK — cost-routed by task complexity. AI CI/CD quality gate: PII / anti-pattern / resilience detection on every MR. RCA agent correlating distributed log streams. Automated test generation ≥80% coverage.

WORK EXPERIENCE

TicketOne (CTS Eventim Group) | ago 2025 – Present

Head of Software Architecture & Development | Software Manager

Italy's #1 ticketing e-commerce platform — sports, concerts, theater. 10k–50k transactions/hour at on-sale peaks.

C# .NET 8 · Java 21 Spring Boot · Angular 17+ · Python · TypeScript · Claude/AWS Bedrock · Multi-Agent LLM · Kafka · Kubernetes · gRPC · OpenTelemetry · Docker · GitLab CI

Architecture & Technical Governance

- Steering migration from legacy C++/CORBA + SETA monolith to modern microservices (Java Spring Boot, .NET 8, gRPC, Kafka, Kubernetes) — full DDD bounded context design.
- DDD bounded contexts: E-commerce, Ticketing Engine, Fiscal Compliance, Access Control — governed critical SPORT vs SETA/SUITE domain separation.
- API-First (OpenAPI 3.x), Self-Contained Systems, Security by Design — aligned with Eventim international architectural guidelines.
- OpenTelemetry observability stack: structured JSON logging, distributed tracing, Prometheus/Grafana dashboards.
- Mandated ADR, SOLID/Result/Mediator/CQRS patterns, Circuit Breaker / Retry / Bulkhead resilience across all services.
- Designed fiscal seal (sigillo fiscale SIAE) integration architecture via Apache Camel / ActiveMQ; managed 20% capacity allocation for technical debt reduction.

Hands-On Development & AI Engineering

- Personally designed and coded the production multi-agent LLM platform (Python + Anthropic SDK + AWS Bedrock): Analyst, Architect, Developer and QA agents cost-routed by task complexity.
- Wrote the LLM-powered CI/CD quality gate: Python pipeline that analyses every GitLab MR diff, detects PII exposure / anti-patterns / missing resilience patterns — BLOCKER / WARNING / INFO severity reports.
- Built AI-driven incident RCA agent correlating structured log streams across distributed services; cuts Mean Time To Diagnose on high-traffic peaks.
- Developed automated test generation pipeline (unit + integration, ≥80% coverage) from source code — reducing developer boilerplate by ~60%.
- Authored custom Claude Code CLI slash commands encoding domain standards, compliance rules and architectural constraints as executable prompts.
- Active contributor to Java Spring Boot microservices and .NET 8 services — writes production code, reviews PRs hands-on, solves critical bugs.

Team Leadership, Mentoring & Agile Transformation

- +50% team satisfaction — human-centered leadership, NLP coaching, psychological safety.
- +30% development flow — unified Jira workflow, Story Points, velocity tracking.
- Mentored engineers at all levels; established code-review culture and continuous learning rituals.
- Primary technical liaison for C-level, Product, and Eventim international HQ.

Crisis Management & Prevention

- Established proactive crisis prevention framework for mission-critical on-sale peaks; designed resilience (circuit breakers, Queue-IT) to prevent cascading failures.
- Led rapid incident response during high-traffic events — zero-downtime track record.
- Conducted post-incident reviews and root cause analysis (5 Whys); implemented systemic preventive measures.

Aruba S.p.A. (via SCAI Tecno) | Jun 2024 – ago 2025

Engineering Manager / Tech Lead

Italy's leading cloud & hosting provider — legacy e-commerce refactoring and cloud migration.

C# .NET 6/8 · Python · Kafka · MongoDB · Redis · SQL Server · Kubernetes · GitHub Actions · LLM CI/CD Tools · Microservices

- Wrote and maintained microservices in C# .NET as hands-on tech lead alongside managing 20 engineers (4 team leaders).
- 98% bug rate reduction in 4 months — enforced code quality standards and automated test coverage.
- +400% deployment frequency — authored automated GitHub Actions CI/CD pipelines from scratch.
- Python AI automation scripts for build pipelines, data migration, LLM-assisted code quality checks and operational tooling.
- Refactored legacy e-commerce into event-driven microservices (Kafka, Redis, MongoDB).

Toscana Immobiliare | *Sep 2018 – Jun 2024*

Technical Leader / Cloud Architect / Full-Stack Developer

Italy's largest real estate franchise — multi-tenant cloud-native platform for web, mobile and back-office.

C# .NET Core → .NET 7 · ASP.NET Core APIs · Blazor · .NET MAUI · Angular 8–15 · Ionic Angular · Python · scikit-learn · Azure Cognitive Svcs · Azure ML · GPT-3 API · Azure AKS · Azure Functions · SQL Server · Azure DevOps

- Designed multi-tenant cloud-native platform on Azure (AKS, PaaS, Functions, Key Vault, Service Bus) — full architectural ownership.
- C# .NET Core → .NET 7 REST APIs, background workers, Azure Functions; Angular 8–15 SPA, Ionic Angular mobile, Blazor back-office — hands-on full-stack development throughout.
- Azure Cognitive Services OCR pipeline, scikit-learn valuation models, Azure OpenAI GPT-3 listing descriptions, embedding-based semantic search.
- +50% scalability; -60% deployment lead-time — CI/CD automation with Azure DevOps, feature flags, blue/green deployments.
- Led cross-functional team of 5 engineers; introduced Scrum, code review culture, ADR practice.

Boken (Startup — founder) | *Jan 2014 – Sep 2018*

CEO / Software Architect / Lead Developer

C# .NET MVC · Angular/AngularJS · JavaScript/PHP · Ionic · iOS (Obj-C/Swift) · Android · SQL Server

- Founded and personally coded 'Velio' SaaS web-builder — 10,000+ active users; C# .NET backend + AngularJS frontend.
- Delivered 4 cross-platform mobile apps (iOS + Android) with Ionic + .NET APIs; managed team of 3 engineers.
- End-to-end ownership: product vision, architecture, development, marketing, investor relations.

Volkswagen Bank / Easyflysoft | *May 2006 – Aug 2018*

Senior Software Engineer / Team Lead

C# .NET · AS400 Integration · SQL Server

- Led backend integration team (3 devs) for banking systems — AS400 ↔ .NET interfaces; -40% transaction processing time.
- Designed crisis management protocols for financial systems ensuring business continuity.

BPSOFT | *2010–2012*

Mobile Developer

Objective-C · Swift · PHP

- Designed and launched 2 iOS apps (Objective-C + PHP backend) — 20,000+ downloads.

Earlier roles (2005–2010): Autogrill/Unisys · Epipoli · Mediobanca · Sanofi · Azcom Technology — Software Engineer / Team Lead. Stack: VB.NET, Oracle PL/SQL, C#, Oracle Forms, SharePoint, C++/Embedded CE. Led teams of 2–8 devs in enterprise projects for major Italian corporates.

CORE COMPETENCIES

AI / LLM Engineering	Claude (Opus/Sonnet/Haiku) · AWS Bedrock · Anthropic SDK · Multi-Agent Orchestration · Prompt Engineering · LLM CI/CD Integration · RAG · Python AI
Architecture & Patterns	Microservices · DDD · Clean/Onion Architecture · SCS · CQRS · Event Sourcing · gRPC · REST/OpenAPI 3.x · ADR · SOLID · Result/Mediator Pattern
Cloud & DevOps	Azure (AKS, PaaS, Functions, Key Vault, Service Bus) · AWS Bedrock · Kubernetes · Docker · GitHub Actions · GitLab CI · Azure DevOps · Terraform
Observability & Resilience	OpenTelemetry · Prometheus · Grafana · Polly (Circuit Breaker, Retry, Bulkhead) · Structured JSON Logging · Health/Readiness Probes · SLI/SLO/SLA
Security & Compliance	OWASP Top 10 · GDPR · Fiscal/SIAE Compliance · PCI DSS · OAuth2/OIDC · JWT · SAST · Secret Management · Azure AD / Identity Server
Languages & Ecosystems	C# .NET 8/Core (20 yrs) · Python (7 yrs) · TypeScript/JavaScript (15 yrs) · Java 21 Spring Boot (4 yrs) · Swift/Obj-C · PHP · VB.NET
Frontend / Mobile	Angular 17+ · Ionic Angular · Blazor · .NET MAUI · React · RxJS/NgRx · TypeScript · SCSS/HTML5
Databases	MS SQL Server (15 yrs) · Oracle/PL-SQL (10 yrs) · MongoDB · Cosmos DB · MySQL · Redis
Leadership & Methodology	Agile/Scrum/Kanban · Team Building & Mentoring · NLP Coaching · Psychological Safety · Velocity & KPI Tracking · Jira · Confluence · Magic Estimation

EDUCATION & CERTIFICATIONS

- ▶ M.Sc. Computer Science (5-year degree, 107/110) — Università degli Studi di Milano-Bicocca · 1997–2002
- ▶ High School Diploma in IT (58/60) — I.T.I.S. Marie Curie Milano · 1991–1996
- ▶ Certified NLP Counselor — PNL Meta · 2010–2013
- ▶ Certified Yoga Teacher — Hara Yoga · 2003–present
- ▶ Continuous training: Azure Cloud · DevOps · Security · Microservices · Python · AI/LLM Engineering

LANGUAGES

UNIQUE DIFFERENTIATORS

- ◆ **Developer-First Architect:** Writes production code every day — not just architecture; solves critical bugs hands-on alongside the team.
- ◆ **AI Native — Builder, Not User:** Designed and coded a production multi-agent LLM platform from scratch; shipped AI features at every company since 2019.
- ◆ **Full-Stack Range:** 20 yrs C#/.NET · 8 yrs Angular · 7 yrs Python · 4 yrs Java — rare depth across the entire stack.
- ◆ **Human-Centered Leader:** NLP Counselor + Yoga Teacher — creates psychological safety, measurably raises team satisfaction and retention.
- ◆ **Business & Technology Bridge:** Startup CEO + enterprise architect — speaks both ROI and architecture trade-offs fluently.

EU work authorization · Theater & guitar enthusiast · Active tech community contributor