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Settimo Milanese (MI), Italy

info@108vision.it · +39 347 0684311

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

github.com/fuzzy77

www.108vision.it/profilo/full-stack-ai

ELIOS SCOGLIO

Full-Stack Developer · AI / LLM Engineer · Multi-Agent Systems Builder

20+

Years Writing Code

+30%

Dev Velocity (AI)

98%

Bug Rate Drop

+400%

Deploy Frequency

+50%

Team Satisfaction

PROFESSIONAL SUMMARY

Full-Stack Developer and AI / LLM Engineer with 20+ years of continuous hands-on coding across C# / .NET, Python, Java, Angular, TypeScript and mobile stacks — from startup to Italy's #1 ticketing platform (TicketOne / CTS Eventim Group, 10k–50k transactions/hour at on-sale peaks).

AI native who builds, not just prompts: personally designed and coded a production multi-agent LLM platform (Python + Anthropic SDK + AWS Bedrock) with Analyst, Architect, Developer and QA agents cost-routed by task complexity — live in a Fortune-scale SDLC. Also shipped: an LLM-powered CI/CD quality gate, an AI-driven incident RCA agent, automated test generation (≥80% coverage), and semantic search / ML pipelines at Toscano Immobiliare since 2019.

Rare profile: the depth of a specialist (20 yrs .NET, 8 yrs Angular, 7 yrs Python, 4 yrs Java) combined with the breadth to own an entire product — from React/Ionic frontend to Kafka event-driven backend to Kubernetes infra to LLM-powered toolchain. Founded a SaaS startup (10,000+ users), led cloud-native migrations, and never stopped writing production code throughout.

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 | AI / LLM Engineer | Multi-Agent Systems

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

AI / LLM Engineering — Production Systems

- Designed and coded from scratch a production multi-agent LLM platform (Python + Anthropic SDK + AWS Bedrock): four specialised agents (Analyst, Architect, Developer, QA) orchestrated with tool-use, context routing and cost-tiered model selection (Opus / Sonnet / Haiku).
- Built the LLM-powered CI/CD quality gate: Python service hooked into GitLab CI/CD that parses MR diffs, runs structured prompt chains to detect PII leaks, missing resilience patterns and anti-patterns — emits BLOCKER / WARNING / INFO reports directly on MRs.
- Engineered an AI-driven RCA agent: ingests structured JSON logs from distributed services via streaming, uses LLM reasoning to correlate anomalies, generates root-cause hypotheses and ranked fix suggestions.
- Developed an automated test generation pipeline: static analysis of source AST + LLM code synthesis → unit + integration test suites; achieved ≥80% coverage target, cutting developer boilerplate ~60%.
- Authored a library of executable Claude Code CLI slash commands that encode domain rules, GDPR/SIAE compliance constraints and architecture standards as prompt programmes — usable by the whole team.
- Full-stack contributor to production services: Java 21 Spring Boot microservices (REST + gRPC), .NET 8 C# services, Angular 17+ frontend components — ships features and resolves critical production bugs.
- Implemented OpenTelemetry instrumentation (traces + metrics + structured JSON logs) across new services; wired Prometheus/Grafana dashboards for golden-signal observability.
- Designed and coded resilience patterns with Polly (Circuit Breaker, Retry, Bulkhead, Timeout) for all external integrations; integrated Queue-IT virtual queuing for on-sale traffic spikes.

Architecture & Back-End Development

- 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.

Team & Process

- +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.

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

- Full-stack hands-on: C# .NET Core→.NET 7 REST APIs + background workers + Azure Functions; Angular 8–15 reactive SPA (RxJS, NgRx); Ionic Angular cross-platform mobile (iOS + Android); Blazor back-office — sole developer across all layers.
- AI — Azure Cognitive Services: Form Recognizer OCR pipeline for property contracts (multi-page PDF parsing, field extraction, confidence scoring); image classification & tagging; multilingual full-text search.
- AI — ML: Python + scikit-learn + pandas predictive property valuation model trained on historical transaction data, exposed as REST API microservice.
- AI — LLM: Azure OpenAI (GPT-3) automated listing description generation; Python embeddings + Azure Cognitive Search semantic property search (natural-language queries over 300+ franchise offices).
- Cloud: designed multi-tenant Azure platform (AKS, PaaS, Functions, Key Vault, Service Bus); +50% scalability; -60% deployment lead-time via Azure DevOps CI/CD, feature flags, blue/green.
- Led cross-functional team of 5; 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
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
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
Architecture & Patterns	Microservices · DDD · Clean/Onion Architecture · SCS · CQRS · Event Sourcing · gRPC · REST/OpenAPI 3.x ·ADR · SOLID · Result/Mediator Pattern
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

Italian: Native | English: C1 Reading / B2 Writing / B1 Speaking | Spanish: B1 Reading / A2 Writing

UNIQUE DIFFERENTIATORS

- ◆ **AI Native — Builder, Not Prompter:** Ships production multi-agent LLM systems (Python + Anthropic SDK + AWS Bedrock) — tool-use orchestration, cost routing, streaming, RAG. AI features in production at every company since 2019.
- ◆ **True Full-Stack:** 20 yrs C#/.NET · 8 yrs Angular/TypeScript · 7 yrs Python · 4 yrs Java Spring Boot · iOS/Android/Ionic — owns the entire stack from DB schema to LLM prompt chain.
- ◆ **Enterprise-Scale Codebase Experience:** Codes daily on Italy's #1 ticketing platform at 10k–50k tx/hr peaks — resilience patterns, distributed tracing, event-driven architecture are daily practice, not theory.
- ◆ **SaaS Founder Mindset:** Founded and solo-coded a SaaS product to 10,000+ users — understands product, delivery speed and ROI alongside engineering excellence.
- ◆ **Human-Centered Collaborator:** NLP Counselor + Yoga Teacher — pairs technical precision with strong communication and psychological safety; +50% team satisfaction track record.

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

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