

Luca Scagliotti

Full Stack Engineer · [Java](#) / [TypeScript](#) / [.NET](#) · [Cloud & AI](#)

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PROFILE

Full Stack Engineer with 6 years of experience building enterprise web applications, microservices and cloud-native systems. Worked on nearly 100 insurance products and sales funnels serving 70,000+ monthly users, cut quote-generation time by 30% and removed over a second of API latency. Works remotely in Agile teams and builds LLM-based tools (RAG chatbots, on-device iOS models) in personal projects.

EXPERIENCE

Full Stack Engineer — Yolo Tech Insurance

Remote · Jan 2025 – Present

- Design and run cloud-native microservices in Java Quarkus 3 (Java 17→25), Node.js and FastAPI behind REST APIs on PostgreSQL for insurance policies and quotes
- Built and maintained nearly 100 insurance products and their sales funnels end to end, from quote to policy purchase
- Optimized across the stack: quote engine (–30% generation time) and high-traffic APIs (70k+ monthly users, –1 s latency)
- Integrated AI chatbot workflows for automated quote generation
- Deploy on AWS Lambda with CI/CD; observability with Elasticsearch and Kibana

Full Stack Developer — ISEI Srl

Rome · Sep 2023 – Dec 2024

- Delivered four enterprise projects end to end: Angular 13–18 frontends with Spring Boot, .NET 8 and Node.js backends
- Legal case-management platform for INPS: Excel import/export, S3 attachments, automated reporting, Azure DevOps deployments
- Python/Pandas ETL pipeline into SQL Server; Figma-to-Angular UIs with the UX team

IoT & Backend Developer — F.B. (sole proprietorship), smart home

Rome · Jul 2020 – Sep 2023

- Built smart-home systems: C++ firmware (Arduino, ESP32) for plugs, motion sensors and RFID readers, with HomeKit and Matter integration
- Full-stack web platforms in Java Spring Boot, PostgreSQL and React (Java 8→11)

SELECTED PROJECTS

- **Multi-tenant booking & e-commerce platform** — NestJS, Angular 19, Supabase/PostgreSQL, Docker, GitHub Actions, Cloudflare. One codebase provisioning dozens of live small-business sites, with automated deploys
- **Robotics & embedded** — autonomous ESP32 rover in C++ with sensor-based navigation (obstacle avoidance, path planning); distributed sensor network for smart-home automation with HomeKit/Matter
- **AI & mobile** — RAG product-recommendation chatbot (embeddings, vector search); iOS Foundation Models prototypes for video and gesture analysis; Swift/SpriteKit puzzle game with 500 levels

SKILLS

Languages: Java, TypeScript, C#, Python, C/C++, Swift · **Backend:** Spring Boot, Quarkus, ASP.NET Core, Node.js/NestJS, FastAPI · **Frontend:** Angular 13–20, React, RxJS, NgRx, Tailwind · **Data & cloud:** PostgreSQL, SQL Server, AWS (Lambda, S3, RDS, CloudWatch), Docker, Azure DevOps, Elasticsearch · **Testing:** JUnit, MSTest, Moq · **AI:** LLM/RAG, Claude Code, n8n

EDUCATION & LANGUAGES

Coursework toward a B.Sc. in Electronic Engineering, Tor Vergata University, Rome (paused for full-time work)

Italian native · **English** C2 · **German** B1