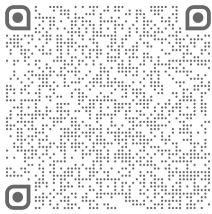


Contacts:



FRANCESCO LONGO

AWS Cloud Engineer | Serverless & Infrastructure as Code | Node.js

+39.327.097.25.75

eng.francesco.longo@gmail.com

linkedin.com/in/france193/

Torino, IT

Cloud Engineer with **6+ years** of experience designing, delivering and operating scalable, event-driven solutions on AWS, built on a solid Node.js/TypeScript backend background. Currently working at an AWS Premier Partner on enterprise client projects, supporting teams from architecture design to production operations. **6x certified (5 AWS + HashiCorp Terraform Associate)**, now pursuing the AWS DevOps Engineer Professional as part of a long-term path toward all AWS certifications. Skilled at turning functional requirements into clear, maintainable AWS architectures focused on reliability, scalability and cost efficiency, with a hands-on approach and a strong attention to automation and knowledge sharing.

PROFESSIONAL SUMMARY

- **Cloud & Backend Engineering:** Serverless, event-driven systems on AWS (Lambda, SQS, SNS) with Node.js, TypeScript and NestJS. Strong experience with RESTful APIs, following AWS Well-Architected best practices.
- **IaC, CI/CD & Operations:** Terraform as primary IaC, alongside CloudFormation, SAM, AWS CDK and Serverless Framework, evolving environments from development to production. End-to-end CI/CD with GitHub Actions, Azure DevOps and AWS-native services, with zero-downtime releases; on-call production support and exposure to Kubernetes-based workloads.
- **Data & Architecture:** PostgreSQL, DynamoDB, MongoDB and Elasticsearch in cloud-native architectures. Focus on clean code, TDD and resilient, decoupled systems.
- **Soft Skills:** Ownership mindset, clear communication with clients and teams, and architectural thinking; sharing knowledge through technical articles.

PROFESSIONAL EXPERIENCE

Cloud Engineer (AWS)

Corley Cloud (Torino, IT) - Hybrid

Feb 2026 - Present

- Design and operate AWS workloads on enterprise client projects, using Infrastructure as Code (Terraform, CloudFormation, SAM, AWS CDK) including data/analytics resources such as QuickSight.
- Automate CI/CD across GitHub Actions, Azure DevOps and AWS-native services; ramping up on Kubernetes-based workloads.
- Part of the on-call rotation, ensuring production support and operational reliability.
- Delivered PoCs and technical documentation on AWS architectures (e.g. Storage Gateway, WebSocket-based solutions).

Cloud Developer | AWS & IaC (Terraform)

Tecnonews (San Vito dei Normanni, IT) - Remote

May 2025 - Sep 2025

- Designed and deployed AWS infrastructure with Terraform and Serverless Framework (Lambda, Fargate, SQS, RDS, IAM).
- Built zero-downtime CI/CD pipelines with CodeBuild, CodePipeline and CodeDeploy; developed REST APIs with NestJS and PostgreSQL (Kysely, PostGIS, Jest) in a fully IaC-driven stack.

Cloud Developer | AWS & Serverless (Node.js)

YouGov (London, UK) - Remote

Sep 2023 - Aug 2024

- Built serverless microservices (Lambda, SQS, S3, Amazon Comprehend) to automate NLP moderation and reduce manual review.
- Managed AWS infrastructure with Terraform and GitLab CI/CD; optimized search with Elasticsearch.

Backend Developer | AWS Lambda & Conversational Interfaces

Heres (Bologna, IT) - Remote

Dec 2021 - Aug 2023

- Built Alexa skills and chatbots (Zendesk, Telegram, WhatsApp) on AWS Lambda with Node.js, NestJS and GraphQL, integrating third-party APIs and SQL/NoSQL databases (MySQL, PostgreSQL, Firebase) with Docker.

Software Back-End Developer

Snowit (Milano, IT) - Remote

Jul 2021 - Sep 2021

- Developed serverless REST and GraphQL APIs for rental web services, using Firestore as NoSQL database.

Software Engineer

Kaleyra (Milano, IT) - On Site / Remote

Dec 2019 - Jun 2021

- Developed large-scale messaging microservices for email (Node.js, RabbitMQ, Redis, MongoDB), WhatsApp/SMS (Java, Spring Boot, Elasticsearch, PostgreSQL) and push notifications, plus an internal campaign console (Node.js, AngularJS).

Research Fellow

Oct 2018 - Nov 2019

Links Foundation (Torino, IT) - On Site

- Developer and work-package lead on EU H2020/FoF projects (GOEASY): built an OAuth 2.0/OIDC authentication framework with Keycloak; delivered training on Blockchain, IOTA and IoT.

Software Engineer (External Consultant)

Oct 2018 - Feb 2019

Sowre (Milano, IT) - Remote

- Developed a Node.js IoT application collecting Ruuvitag sensor data via Bluetooth LE on Raspberry Pi.

EDUCATION

Master's Degree in Computer Engineering (Software)

2015 - 2018

Politecnico di Torino (Torino, IT)

- Focus on blockchain and full-stack development. Thesis: Telegram bot for IOTA wallets and analysis of Distributed Ledger Technologies. Participated in the EU Blockathon 2018 (anti-counterfeit solution with IOTA).

Bachelor's Degree in Computer Engineering

2011 - 2015

Politecnico di Torino (Torino, IT)

- Foundations in programming, algorithms, databases, operating systems and networks, with hands-on software projects and a thesis.

LANGUAGES

- Italian native
- English (Fluent - B2/C1)

SIDE PROJECTS & HOBBIES

- ARES - "Prezzi Assurdi" (Amazon Referral Project):** Serverless Amazon deals aggregator powering a Telegram channel. Event-driven pipeline (Lambda scraper → SQS → processor Lambda → SNS) publishing to Telegram and a static SPA on S3 + CloudFront.
- GROOT - Garden Remote Orto Operations & Telemetry (smart irrigation, in production since July 2026):** IoT system for a vegetable garden with LoRa sensors (Feather M0), Zigbee valves and a Raspberry Pi hub; serverless AWS backend (Lambda, DynamoDB, API Gateway, S3, Cognito) managed with Terraform; camera-based weather detection with Amazon Rekognition; web dashboard and Telegram bot for monitoring and control.
- Personal website** (www.francescolongo.cloud): Static portfolio website hosted on AWS S3 and fully managed via Terraform, with automated provisioning of storage, policies and delivery settings.
- Wedding website** (www.leididiaprile.it): Co-developed with my partner; I built the backend using AWS Lambda, DynamoDB, S3 and Route 53, managing RSVP APIs, monitoring via CloudWatch and full event automation, along with a CI/CD pipeline for the frontend.
- Football Rules Quiz:** Designed and implemented a Telegram bot with Node.js, TypeScript, NestJS, and PostgreSQL, now migrating to a serverless AWS stack.
- Football Referee:** Active regional referee with years of experience managing competitive matches. Strengthened skills in decision-making under pressure, discipline, conflict resolution, and leadership in dynamic environments.

TECHNICAL WRITING & KNOWLEDGE SHARING

Author of instructional content on AWS and cloud architecture on LinkedIn and Medium (medium.com/@france193), focused on practical cloud-native patterns, Infrastructure as Code and architectural decision-making.

CERTIFICATIONS & GOALS

- AWS Certified CloudOps Engineer – Associate (SOA-C03)
- AWS Certified Solutions Architect Associate - SAA-C03 (AWS)
- AWS Certified Developer Associate - DVA-C03 (AWS)
- AWS Certified AI Practitioner - AIF-C01 (AWS)
- AWS Certified Cloud Practitioner - CLF-C02 (AWS)
- HashiCorp Certified: Terraform Associate - 003 (HashiCorp)
- AWS Microcredential: Agentic AI – Demonstrated
- AWS Microcredential: Serverless – Demonstrated
- AWS Certified DevOps Engineer – Professional (in progress)
- Registered Engineer - Ordine degli Ingegneri, Albo A (Torino), n. 15319

