



CONTACT

Mario Muti

Naples, Italy (CET)

+39 320 4760376

info@mariomuti.com

mariomuti.com

linkedin.com/in/mario-muti

Independent contractor (VAT registered)

HOW I WORK

Freelance contracts (B2B).

Remote first, available on site up to 2 days a week and for short trips. I manage my own hours around shared goals and deadlines.

AREAS OF PRACTICE

Software architecture

Microservices

Event-driven Cloud

Legacy modernization

System integration & APIs

REST/SOAP Middleware

ERP/CRM IoT

Data & AI

Data analytics

ETL pipelines

Dashboards/KPIs

LLMs & automation

Development

Java Flutter

.NET backend Web

IT consulting

Technical audit

Security

Technology choices

Team leadership

LANGUAGES

Italian · native

English · B2, daily professional use

Mario Muti

Senior Software Architect · IT Consultant · Data & AI

consulenza informatica

28

years in software

30+

enterprise projects

4

Google professional certificates

PROFILE

Senior Software Architect and IT consultant with 28 years of experience, from embedded firmware to cloud platforms. I design distributed architectures, integrate systems and APIs, and turn data into decisions with analytics and AI. 30+ enterprise projects for clients such as Telecom Italia, Accenture, Toyota, ABB and GE Capital. I designed a proprietary IoT platform now in production. I work remotely as an independent contractor with companies that need a senior architect without hiring one full time.

EXPERIENCE

01/2020 – present

Senior Software Architect & IT Consultant

Independent contractor · B2B clients in Italy

Architecture, integration, development and data consulting for SMEs and enterprises, alongside my role at NITECH.

- Cross-platform Flutter apps for sales force automation, CRM, RFID logistics, business intelligence and time tracking.
- APIs and integrations between ERPs, e-commerce and headless platforms to automate catalogue and stock.
- E-commerce with 160,000+ products: performance tuning, server migration, SSL and DNS.
- Data analysis and management reports (due diligence, operational KPIs); security audits and UX-first modernization of legacy interfaces.

Flutter Dart Spring Boot C# ASP.NET PHP REST APIs Docker
Nginx AWS

10/2023 – present

Partner & Software Architect

NITECH s.r.l., Naples · SioTRA IoT platform

Co-owner and head of architecture. I designed and built **SioTRA**, a general-purpose platform that ingests and processes in real time IoT data tied to a geographic location (vehicles, sensors, assets) and turns it into events, KPIs and vertical applications.

- **Platform:** Java Spring Boot microservices, Apache Kafka streaming, Apache Airflow pipelines, data lakehouse with live and historical persistence.
- **Event engine and geofencing** configurable at runtime with no redeploy; integration APIs for ERP, CRM, WMS and OEM telematics.
- **ControlFleet**, the first vertical built on SioTRA: fleet management with tracking, digital tachograph, fuel and compliance deadlines; 1,000+ vehicles in 24/7 operation, in production within three months.
- Security by design (OAuth2, encryption, OWASP audit logging); UX research on the Flutter app, cutting core tasks from 7 taps to 2; predictive analytics on telemetry.

Java Spring Boot Apache Kafka Apache Airflow PostgreSQL
Vue.js Flutter Docker MQTT



TECHNICAL SKILLS

Linguaggi

Java C# Dart Python

JavaScript TypeScript

SQL PHP C/C++

Framework

Spring Boot

.NET / ASP.NET Flutter

Vue.js J2EE

Data & streaming

Kafka Airflow

PostgreSQL SQL Server

Oracle Tableau

Cloud & DevOps

Docker AWS Linux

Nginx CI/CD Git

Security

OAuth2/JWT OWASP TLS

SIEM

UX, methods

Figma UX research

Agile/Scrum UML

CERTIFICATIONS

Google AI and IBM AI · in progress

AI certifications, 2026 (AI Essentials done)

Google Cybersecurity

Professional Certificate, 2026

Google Data Analytics

Professional Certificate, 2026

Google UX Design

Professional Certificate, 2026

Flutter Advanced

Fudeo, 2020

Microsoft MCSD App Builder

Exam 483, C#, 2018

EDUCATION

Technical diploma, IT

I.T.I.S. F. Giordani, Naples, 1998

Continuing education

Formez: IT security in public administration (2008), computer networks (2003)

EXPERIENCE (CONTINUED)

09/2013 – 11/2022

IT Manager & Full-Stack Developer

D.I.M.A.V. s.r.l. · permanent employee

Owned the company's entire IT ecosystem for 9 years: infrastructure, custom business software, external vendors.

- Full-stack management platforms connecting ERP, CRM and logistics to streamline internal processes.
- .NET architectures with data synchronization (Microsoft Sync Framework) and RESTful API integration.

C# ASP.NET MVC SQL Server Xamarin Forms Web Services

01/2011 – 09/2013

Analyst programmer

Independent contractor

Multi-industry enterprise consulting: SFA, CRM, business intelligence, CMS, e-commerce, RFID and badge systems. Windows reporting applications on AS400 data.

ASP.NET MVC C# .NET 4.5 SQL Server Sync Framework

05/2008 – 01/2011

Analyst programmer

3F & EDIN · projects for tier-one clients

- Telecom Italia:** web services for the Sales Information System (CRM); led a team of 3 developers, functional specs and UML models.
- GE Capital / Avis:** rental-fleet management modules (preparation, claims, maintenance, disposal) on a nationwide web app.
- ABB:** document management for construction-site quality certification, connected/disconnected architecture.
- Accenture:** evolution of the NAISVITA insurance policy platform, customizations for Mediolanum and BNL.

Java J2EE Spring C# .NET Oracle WCF/WPF Siebel

EARLIER EXPERIENCE · 1999 – 2008

2007 – 2008

Analyst programmer · D.I.M.A.V. · Formez, Campania Region

Three-tier .NET architecture; REGPOST, regional tax payments via Poste Italiane

2006 – 2007

Analyst programmer · COMSEA, Pretoria (South Africa)

Video-on-demand channel for 250 Toyota dealerships, connected/disconnected distribution

2003 – 2006

Programmer and analyst · Formez, Campania Region · PC Service

Java J2EE intranet for regional offices; PostaCert digital-signature certificates; e-commerce with PayPal

1999 – 2003

Firmware programmer · Il Prototipo

Assembler and C firmware for energy meters: RS232/RS485, remote reading, battery-powered device optimization