



Aleksander Sokoli

ID: CA55641GA | **Work permit:** Italian | **Date of birth:** 26/02/1999 |

Place of birth: La Spezia, Italy | **Nationality:** Italian | **Gender:** Male | **Phone number:**

(+39) 3279914598 (Mobile) | **Email address:** asokoli@pawspet.it | **Email address:**

aleks.sokoli99@gmail.com | **Website:** www.sokoli.it | **Address:** 19032, Lerici, Italy (Home) |

Address: 9435, Widnau, Switzerland (Second home)

ABOUT ME

I build things that work fast, reliable, and cross-platform.

From real-time radio dispatch systems for Italy's highway network to pet-care apps with thousands of users, I turn complex tech into simple, usable products.

Full-stack by trade (Angular, .NET, Flutter), I build across web, mobile, and desktop — with a focus on clean architecture, real-time performance, and cloud-first deployment.

SKILLS

Angular | C# | ASPNET | Flutter | JS/HTML/CSS | AWS | PostgreSQL | iOS | .NET | dotnet | Android | Kotlin | Microsoft SQL Server | Linux | Windows | Typescript | Docker | CI/CD | System design | Jira | Azure | RESTful API design

WORK EXPERIENCE

PAWSPET – ITALY

Business or Sector Information and communication | **Website** <https://www.pawspet.it>

Link <https://www.pawspet.it/download-app>

FOUNDER / LEAD FULL STACK DEVELOPER – 08/2024 – CURRENT

- **Built a cross-platform pet-care platform** (Web, Android, iOS) solving fragmented animal-health data management for rescue centers, boarding facilities and pet owners with orders management system for businesses and a **pet service marketplace** for booking services in-app.
- **6 300+ total downloads** with **4.7★** (27 reviews) on Google Play and **5.0★** (8 reviews) on App Store
- **650 registered users** managing **1 050 animals** and **1 500+ health records**, driving **200 MAU** and **20 DAU** with an average **80 min/day** engagement per active user
- Sustaining **10–15 % month-over-month user growth** purely via organic channels
- **Sole developer & PM:**
 - .NET Core backend hosted on **AWS Lightsail**
 - **AWS Cognito** for authentication
 - **AWS S3** for asset storage and delivery
 - **AWS SNS** for email/SMS orchestration, **Firebase Cloud Messaging** for mobile notifications
- Designed CI/CD pipelines to streamline releases and ensure zero-downtime updates
- **Roadmap in flight:** preparing microservices refactor for SaaS scalability, full internationalization support and in-app monetization (subscriptions & service fees)

Tech stack: Angular 17 · .NET Core 8 (C#, EF Core, Quartz.NET, REST) · PostgreSQL · Capacitor · AWS (Lightsail, Cognito, S3, SNS) · Firebase (Cloud Messaging) · Java · Android · iOS · Linux · Web

FULL STACK DEVELOPER / PROJECT MANAGER – 03/2021 – CURRENT

Led full development of 4+ critical software platforms for telecom and monitoring in infrastructure and highway sectors

Responldr: Real-time Push-To-Talk (PTT) platform enabling low-latency radio & intercom communication over IP

- Used by **Autostrade per l'Italia**, deployed in various **regional control centers** and **HQ in Rome**
- **Cross-platform:** Flutter apps (Android/iOS), Electron desktop (Linux/Windows), Angular responsive web dashboard
- Integrated third-party DMR gateways and base stations with a fully custom server-client protocol

TrackTP: Monitoring and alerting platform for Teleproject and third-party hardware (power supplies, radio gateways)

- Realtime dashboard with **custom alarms** (email, WhatsApp, Telegram), SNMP-based device supervision
- Used for fleet-wide hardware observability with map-based UI and exportable reports

TP-CELLX: Global-ready cellular network analyzer for 2G–5G bands

- Interacts via **serial port + AT commands** on embedded Linux systems
- Integrated with TrackTP for cross-platform telemetry

TP-RFX: RF spectrum analyzer (15 MHz – 2700 MHz, expandable to 6 GHz)

- Designed and developed fully in-house with custom Angular UI and real-time streaming via WebSocket

Personally handled **end-to-end architecture**, front-end & back-end development, and real-time communication logic

- Key contributor to productization, deployment pipelines and client feedback loops

Tech stack: Angular 17+ · .NET Core 8 (C#, EF Core, REST) · WebSocket/SignlaR · SNMP · Linux · Flutter (Dart) · Serial Communication (AT commands, Custom communications) · Google Maps APIs · PostgreSQL · TCP · UDP · Audio Codec · AWS

FULL STACK DEVELOPER – 09/2018 – 08/2020

Developed internal Capgemini solutions adopted by multiple business units for **project tracking and team coordination**

Embedded at FCA (5 months - Torino) as external consultant, supporting the **Manufacturing Execution System (MES)** used in **real-time automotive production lines**

- Helped integrate plant-floor data flows with monitoring and control systems
- Ensured performance and uptime requirements in fast-paced production environments

Tech stack: .NET Framework · SQL Server · MVC · Kendo UI · Git · SVN · JQuery · VanillaJs · SCSS · Visual Basic · C# · Stored Procedures · PostgreSQL

● **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C2	B1	B1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **PROJECTS**

01/2024 – 02/2024
Warranty Management System demo for SITEP Italia

Advanced warranty tracking system for electronic products (not released).

- Architected back-end in .NET 7 with EF Core, built REST APIs, AWS, postgresQL
- Designed front-end with Angular + Bootstrap
- Implemented experimental AI layer for smart search and prediction

Note: Client opted to hire internally before deployment, so I declined

Link <http://3.69.60.53/> - admin@sitep.it/SitepItalia

01/2024 – 05/2024

Sailify - Work Order & Inventory Manager Demo for SanLorenzo Yacht

Custom ERP-like software solution for boat and yacht post-sale management, take care of all the works, change request, warranties and so on, manage orders and quotes both of suppliers and clients

- Architected back-end in .NET 7 with EF Core, built REST APIs, AWS, PostgreSQL
- Designed front-end with Angular + Bootstrap
- Implemented experimental AI layer for smart search and prediction

Link https://demo.sailify.it/login_admin@sanlorenzo.it/SanLorenzo

Personal portfolio Website

Next.js · Tailwind CSS · AWS App Runner · GitHub Actions

- Designed and deployed a **minimal, performant developer portfolio** to showcase professional and personal projects
- Hosted on **AWS App Runner** with automatic deployment via **GitHub Actions**
- Fully responsive UI built with **Tailwind CSS** and **Next.js**
- Includes detailed write-ups on apps like PawsPet, ResponDr, and TrackTP

Link www.sokoli.it

● EDUCATION AND TRAINING

09/2012 – 07/2018 La Spezia, Italy

DIPLOMA PERITO TECNICO INFORMATICO ITIS Capellini Sauro
