Ioannis Dimos

Full-Stack Developer · C# / .NET · TypeScript

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C# / .NET

FULL-STACK FEATURES SHIPPED AT PEOPLECERT

Live on Play

FIT SENTRY - PUBLISHED ANDROID APP

20+ yrs

HANDS-ON NETWORKS, RF & SYSTEMS BACKGROUND

Full-stack developer currently building C# / .NET and SQL Server features at PeopleCert, where my work includes application-security improvements: data protection, access control and hardening against common web vulnerabilities. I ship full-stack applications across C# / .NET, TypeScript/React and Python, and recently published Fit Sentry, a native Android app (Kotlin / Jetpack Compose), on Google Play. AI-assisted development is central to how I work: daily hands-on use since 2022, scripting coding and tooling automation, a planning- and research-first method that gets dependable results, and the ability to mentor developers on using AI effectively. A methodical, well-organised problem-solver, I work equally well solo or in a team and bring a positive attitude. Behind the software sits two decades of hands-on networking, telecommunications and IoT experience, and a security-first approach I apply to everything I build.

EXPERIENCE

Junior Software Developer - PeopleCert

2025 - present · Athens

- Build features in C# / .NET with SQL Server (SSMS), shipping to production each release cycle.
- Drive application-security improvements - data protection, password hashing, role-based access control and secure configuration.
- Run hands-on security testing against our own code: SQL injection, login-bypass attempts and authentication hardening.
- Joined the product team straight out of the company's in-house full-stack bootcamp.

Field Technician, RF & Fiber - Solify

02/2023 - 11/2024

- Installed and programmed microwave P2P links (18-90 GHz) and built coaxial / optical-fiber cabling across customer sites - automation, RF and systems work that still informs how I build software.
- Ran RF site surveys, frequency planning and Fresnel-zone analysis; specced hardware to coverage targets with zero safety incidents.

IoT & AMR Operator - Melcer

06/2021 - 01/2023

- Operated large-scale smart water-metering networks over LoRa/wMBUS (868 MHz) and **automated metering workflows in Python**; produced the GIS network design and logged readings to the database.
- Led R&D on wMBUS/LoRa metering and remote control of PV and autonomous systems; ran fault detection and billing-register corrections.

Independent Technical Projects - project-based, self-directed 2004 - present

- Project-based web, network and IoT work for small businesses across Greece, undertaken alongside salaried roles - not a continuous full-time practice.
- Self-directed home-lab: shipped Fit Sentry to Google Play, plus open-source developer tooling and web apps - see portfolio.

CORE SKILLS

AI & Automation	AI-assisted development · Scripting & tooling automation · Prompt engineering · Planning / research-first workflow · Mentoring developers on AI use
Languages	C# / .NET · TypeScript / JavaScript · Python · Kotlin · SQL
Frameworks	ASP.NET · React · Next.js · Vue.js · NestJS · Node · Jetpack Compose · Spring Boot
Data & DevOps	SQL Server (SSMS) · PostgreSQL · MongoDB · Docker · Git · GitHub Actions
Security-first	Auth & access control (RBAC) · Data protection · hashing · Injection / login-bypass testing · Secure configuration
Systems base	Networking (MikroTik / VLAN / VPN) · Linux · IoT / RF & embedded

EDUCATION

Fullstack Developer Bootcamp · 2025
PeopleCert - C#, JavaScript, Vue.js, PostgreSQL, SSMS

Network & Telecom Technician · 2023
IEK Omiros

Web Design & Applications · 2018
Techniki Ekpaideftiki

CERTIFICATIONS

C# Foundation
DevOps Institute · 2025

PRINCE2® 7 Foundation
PeopleCert · 2026

Geographic Information Systems
Easy Computer · 2022

LANGUAGES

Greek	English
Native	C2