

# Ilias Nikolaos Thalassochoritis

Athens, Greece | +30 694 6660 430 | iliascodes@gmail.com  
iliasdev.com | LinkedIn | GitHub

## SUMMARY

Full Stack Engineer specializing in **Next.js 16 (App Router)** and **SaaS Architecture**. Proven track record of architecting scalable multi-tenant platforms (WizyHRM) and government-grade streaming infrastructure (Gov.gr). Expert in bridging complex backend requirements with high-performance, accessible (WCAG 2.1) frontends using **Feature-Sliced Design** and **Dockerized** environments.

## SKILLS

**Frontend:** Next.js 16 (Server Actions), React, TypeScript, Tailwind CSS, TanStack Query, Zustand, MapLibre GL, WCAG 2.1.

**Backend:** Node.js, Python (FastAPI), PostgreSQL, Prisma ORM, Redis, HLS.js (Streaming), Trigger.dev, REST APIs.

**DevOps & Cloud:** Docker, DigitalOcean (VPS/Spaces), CI/CD (GitHub Actions), Linux, Nginx, SSL/Security.

**Architecture:** Feature-Sliced Design (FSD), Multi-Tenancy (Database-per-tenant), System Design, Agile/Scrum.

## EXPERIENCE

### Software Engineer & Architect (PharmaFinder)

Sep 2025 – Present

Remote

Athens, Greece

- Leading the architectural rewrite (v2) of a pharmacy discovery platform using **Next.js 16** and **FastAPI**.
- Achieved **99/100 Lighthouse Performance** scores through ISR, edge caching, and aggressive image optimization.
- Engineered hybrid clustering logic and optimized API query latency to **<50ms** for 300+ concurrent geospatial data points.
- Containerized microservices using **Docker & Docker Compose**, ensuring zero-downtime deployments via automated health checks.

### Lead Full Stack Engineer

Jun 2024 – Jun 2025

Wizy Agency

Marousi, Greece

- Led technical delivery for 3 production platforms, translating business requirements from the CEO and **Ministry of Education** into technical specs.
- WizyHRM (SaaS):** Architected a multi-tenant **Workforce Management engine** with **physical data isolation** (Postgres-per-tenant). Engineered a proprietary **Greek Labor Law engine** to automate complex leave calculations and schedules.
- Digital School (Gov.gr):** Engineered the official streaming admin portal using **HLS.js** for low-latency video buffering and OIDC/RBAC for secure access.
- ELOT E-shop:** Designed the **REST API architecture** consumed by **Pylon ERP** for bidirectional synchronization, handling order status updates and PDF generation workflows.

### Software Engineer (Product & R&D)

Feb 2023 – May 2024

Independent

Remote

- Engineered proprietary data products including 'E-food Analytics' to master complex data visualization patterns and end-to-end data flows.
- Refactored legacy codebases to implement **Feature-Sliced Design (FSD)**, significantly improving code maintainability and testability.
- Automated database backups and deployment workflows using custom **GitHub Actions**.

### Software Engineer (Hellenic Army IT Corps)

Jan 2022 – Jan 2023

KEPYES

Athens, Greece

- Modernized the Army General Staff portal (army.gr), serving **550,000+ monthly visitors** in an ISO 27001 security-compliant environment.
- Developed custom **Python scraping automation** to migrate massive datasets from Drupal to WordPress in a restricted environment without direct database access, achieving **zero data loss**.

### Web Developer (Internship)

Sep 2020 – Mar 2021

Crowdpolicy

Moschato, Greece

- Contributed to front-end development and PHP custom themes for fintech/gov-tech projects in an Agile environment (Jira/Bitbucket).

## EDUCATION

### B.Sc. in Computer Engineering

2016 – 2021

University of Thessaly

Volos, Greece

- Thesis:** Siamese Neural Networks for Image Similarity (VGG19). Developed a real-time web analysis tool.

## ADDITIONAL

**Certifications:** Specialized Professional Certification in AI Applications (Focus on Data Security & GDPR)

**Languages:** English (Full Professional), French (Basic Working Proficiency)