

# Ilias Nikolaos Thalassochoritis

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## SUMMARY

Full Stack Engineer with 4+ years of experience specializing in **Next.js/React + TypeScript** and **Python/FastAPI**. Proven track record of building scalable multi-tenant SaaS platforms and data-driven applications with **secure APIs**, automation, and **Dockerized infrastructure**. Strong end-to-end ownership (UI → API → Cloud Deployment) with emphasis on data integrity, maintainable architecture, and collaborative development.

## SKILLS

**Frontend:** React, Next.js 16 (App Router, Server Actions), TypeScript, Tailwind CSS, TanStack Query, MapLibre GL, Zod.

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

**Cloud & DevOps:** Docker, Docker Compose, DigitalOcean (VPS, Spaces/S3), Vercel, Railway, CI/CD (GitHub Actions), Linux.

**Tools & Methods:** Git, Jest, Feature-Sliced Design (FSD), Agile/Jira, Technical Documentation, System Design.

## EXPERIENCE

### Independent Software Engineer (SaaS Development)

Sep 2025 – Present

Remote

Athens, Greece

- Architected and shipped production-grade SaaS applications handling full lifecycle from UI design to VPS deployment.
- PharmaFinder:** Engineered a pharmacy discovery platform with Next.js and FastAPI. Achieved **99+ Lighthouse Performance score** by implementing ISR and client-side caching. Optimized database queries reducing API response time from 300ms to **<50ms**.
- VaporKey:** Built a secure secret-sharing service focusing on cryptography and ephemeral data storage using **Redis expiration events**. Handled secure deletion of secrets ensuring zero data retention.
- Infrastructure:** Containerized applications using **Docker & Docker Compose**, deployed on **DigitalOcean VPS** and **Railway**. Configured automated health checks achieving high uptime.

### Full Stack Developer

Jun 2024 – Jun 2025

Wizy Agency

Marousi, Greece

- Lead Engineer collaborating directly with the **CEO and Product Managers** to translate business requirements into technical specifications. Maintained documentation and conducted code reviews.
- Multi-tenant HRM SaaS:** Architected a scalable platform with **database-per-tenant isolation** using Prisma and PostgreSQL, ensuring 100% data privacy. Validated scalability with stress tests supporting **10+ concurrent isolated tenants** with zero performance degradation.
- Secure Storage:** Implemented **S3-compatible storage** (DigitalOcean Spaces) with strict lifecycle policies for secure candidate document retention (GDPR compliance).
- Streaming Backoffice:** Developed a Video-On-Demand admin dashboard using **HLS.js** and **react-big-calendar**. Implemented OIDC authentication and RBAC authorization for granular access control.

### Software Engineer (Mandatory Military Service)

Mar 2022 – Jan 2023

Hellenic Army – KEPYES

On-site

- Modernized the Army General Staff web portal (army.gr), serving **550,000+ monthly visitors** within an ISO 27001 security-compliant environment.
- Developed custom **Python automation scripts** to migrate massive datasets from Drupal to WordPress, reducing manual workload by **80%** and ensuring zero data loss during migration.

### Web Developer

Sep 2020 – Mar 2021

Crowdpolicy

Moschato, Greece

- Delivered web features and performance improvements (WordPress, REST APIs, jQuery, SASS/Bootstrap) in an Agile environment (Jira, Bitbucket).

## EDUCATION

### B.Sc. in Computer Engineering

2016 – 2021

University of Thessaly

Greece

## ADDITIONAL

**Certifications:** Specialized Professional User — Artificial Intelligence Applications | **Languages:** English (Full Professional), French (Limited Working)