

Ilias Nikolaos Thalassochoritis

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SUMMARY

Frontend Engineer specializing in **React/Next.js (App Router)** and **TypeScript**, building **high-performance, accessible interfaces** with scalable UI architecture. Experienced with data-heavy dashboards, ERP integrations, and interactive UX, emphasizing **Responsive Design**, **SEO**, caching strategies, and Core Web Vitals optimizations.

SKILLS

Frontend: React, Next.js (App Router), TypeScript, JavaScript, HTML5, CSS3, Tailwind, shadcn/ui, Lucide

Architecture & State: Feature-Sliced Design (FSD), URL state (nuqs), Zustand, React Context

Data & Performance: TanStack Query, Server Actions, Suspense/streaming, Memoization, Web Vitals, PWA

Forms/Tables/UX: react-hook-form, Zod, TanStack Table, WCAG 2.1 (Accessibility), react-big-calendar

DevOps & Tools: GitHub Actions (CI/CD), Docker, VPS Deployment, Postman, Jest, Git, Jira

EXPERIENCE

Software Engineer

Sep 2025 – Present

Self-employed / Independent R&D

Athens, Greece (Remote)

- Developing **PharmaFinder**, achieving **95/100 Performance** and **100/100 SEO** on Lighthouse scores through aggressive optimization strategies.
- Engineered a **radius-based caching system** (2-20km) and hybrid clustering logic, ensuring **instant map loads (<5s)** for 300+ data points in high-density areas.
- Implemented **Web Vitals instrumentation** (GA4) and selective lazy fetching to minimize network pressure.
- Wrote **Jest** tests for core business logic and ensured **WCAG 2.1 compliance** (screen-reader labels, focus rings) for maximum accessibility.

Full Stack Developer (Frontend-focused)

Jun 2024 – Jun 2025

Wizy Agency

Marousi, Greece

- Sole engineer** collaborating directly with the CEO and clients; translated complex business requirements into scalable technical solutions.
- Developed the **WizyHRM internal app**, eliminating manual Excel workflows and **fully automating** leave calculations and onboarding documentation.
- Architected the **Super-Admin Console** with **server-side pagination** and caching (`revalidatePath`) to handle complex data tables efficiently.
- Implemented **CI/CD pipelines** using GitHub Actions to automate deployments to VPS via SSH, reducing deployment time and errors.
- Authored comprehensive API documentation and **Postman collections** for Pylon ERP integration, handling order status updates and invoicing workflows (ELOT project).

Frontend Software Engineer (Professional Development)

Feb 2023 – May 2024

Independent Projects

Athens, Greece

- Dedicated period focused on mastering **React ecosystem**, **TypeScript**, and modern frontend architecture (FSD) post-military service.
- Architected full-stack prototypes including an e-food analytics dashboard (Vite + Node/Express) to practice end-to-end data flows and REST API integration.
- Automated personal database backups (PostgreSQL to Google Drive) using custom GitHub Actions workflows.

Software Engineer

Mar 2022 – Jan 2023

Hellenic Army — KEPYES

Athens, Greece

- Maintained the Army General Staff web portal (army.gr), supporting **550,000+ monthly visitors** with **near-100% uptime** under ISO 27001 standards.
- Identified and patched critical security **vulnerabilities** in WordPress/Drupal endpoints.
- Developed an internal **monitoring tool** to track real-time service status and alert on downtime incidents.

Web Developer

Sep 2020 – Mar 2021

Crowdpolicy

Moschato, Greece

- Implemented web features and performance improvements using WordPress, PHP, and JavaScript/jQuery in an Agile environment (Jira, Bitbucket).

EDUCATION

B.Sc. in Computer Engineering

2016 – 2021

University of Thessaly

Volos, Greece

ADDITIONAL

Languages: English (Full Professional), French (Basic)

Certifications: Specialized Professional User — Artificial Intelligence Applications