

# Ilias Nikolaos Thalassochoritis

SOFTWARE ENGINEER · FULL STACK DEVELOPER

Athens, Attiki, Greece

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## Experience

### Wizy Agency

FULL STACK DEVELOPER

Marousi, Attiki

Jun. 2024 - Present

- Architected and developed multiple production applications as sole engineer, including HRM SaaS platform, political CRM system, and e-commerce solution for Greece's National Quality Infrastructure System (ELOT).
- Built comprehensive HRM SaaS platform from ground up, featuring employee management, recruitment workflows, leave tracking, shift scheduling, and AI-powered CV parsing using Google Gemini API.
- Implemented multi-tenant architecture with database isolation, role-based access control (RBAC), and Stripe-integrated subscription management supporting multiple pricing tiers and feature packages.
- Developed CRM platform serving 7,000+ organization members, replacing Excel-based workflows with automated member registration, bulk SMS campaigns via Apifon/Routee APIs, and demographic filtering capabilities.
- Modernized legacy Oracle systems for ELOT by creating standards e-commerce platform with Meilisearch integration, protocol number automation, and PDF DRM protection using FastAPI and Locklizard.
- Established complete DevOps pipeline using GitHub Actions for CI/CD, Docker containerization, Coolify for deployment, and monitoring setup with Uptime Kuma and Mattermost webhooks.
- Selected and implemented full technology stack including Next.js 14, TypeScript, Prisma ORM, PostgreSQL, Wasabi S3 for file storage, and Trigger.dev for background job processing.

### Centre Of Information Technology Support Of The Hellenic Army

Athens, Attiki

SOFTWARE ENGINEER - MILITARY SERVICE

Jan. 2022 - Jan. 2023

- Developed and launched the updated web portal for the Army General Staff using WordPress, supporting over 550,000 monthly visitors.
- Developed Python tools, successfully transferring thousands of legacy content pieces from Drupal in less than 3 months.
- Leveraged Docker for containerization and managed source code using Git and GitLab.
- Produced 10+ utilities and automation tools using Python and PHP, improving workflow efficiency by 50%.
- Upheld ISO 27001 security standards across all digital platforms.

### Crowdpolicy

Moschato, Attiki

FULL STACK WEB DEVELOPER - INTERNSHIP

Sep. 2020 - Mar. 2021

- Delivered dynamic web solutions utilizing WordPress for optimal website performance.
- Achieved proficiency in front-end development, ensuring seamless user experiences.
- Developed and implemented custom themes using PHP, enhancing web functionalities.
- Identified and resolved a critical logic and coding error within the company's website themes, significantly enhancing functionality and user experience across all corporate sites.
- Collaborated closely with a team, utilizing tools such as Jira and Bitbucket to streamline development processes and maintain code integrity.
- Continuously expanded technical expertise, establishing a comprehensive skill set and fostering professional growth throughout my tenure.

## Projects

### pharmafinder.gr

PHARMAFINDER

- Engineered a comprehensive pharmacy finder app, leveraging Next.js 14, FastAPI, and sophisticated web scraping techniques to provide accurate pharmacy location and duty status in real time.
- Developed and integrated APIs to enable location-based searches, supporting features such as on-duty pharmacy discovery, customizable search radius, and various time selection options.
- Implemented a sophisticated data parser using Python, BeautifulSoup, and Playwright for precise geolocation and pharmacy information extraction, improving the app's data reliability.
- Created an intuitive frontend interface with Tailwind CSS and Leaflet, effortlessly facilitating user navigation through pharmacy locations and details.
- Enhanced backend performance through efficient database management with PlanetScale, ensuring the API services are scalable and responsive.
- Incorporated advanced security protocols, including secret key verification and comprehensive CORS policy management, to safeguard API endpoints and maintain data integrity.

- Developed and integrated advanced features using Next.js 15, including App Router and Server Actions.
- Implemented Client & Server Components with TypeScript for enhanced type checking.
- Styled using Tailwind CSS, complemented by dynamic animations with Framer Motion.
- Managed state with Light & Dark modes support and modularized functionalities using custom React hooks.
- Enhanced user experience with modern UI, Light & Dark modes support, and responsive design.
- Integrated email functionality with React.Email & Resend and ensured a sleek appearance.

**bit.ly/efood-analytics**

- Developed a full-stack application using Node.js and Express.js for the backend, with React.js on the frontend for a dynamic user experience.
- Implemented a sleek user interface utilizing Mantine and TailwindCSS, enhancing user interaction and visual appeal.
- Featured advanced data visualizations for yearly orders and spending using ApexCharts, and an interactive store locator map with React Leaflet.
- Enabled comprehensive analytics including total orders, spendings, unique store visits, as well as insights into first/latest orders and most frequented stores/products.
- Analyzed payment method trends, detailing usage of platforms like PayPal and Google Pay to understand consumer payment preferences.
- Leveraged React Query for optimized data-fetching, ensuring efficient and up-to-date data representation.

## Education

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**University of Thessaly (ex. TEI of Central Greece)***Lamia, Fthiotida*

BACHELOR'S IN COMPUTER ENGINEERING

2021

- GPA: 7.58/10.0

## Skills

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<b>Frontend</b>	TypeScript, JavaScript, jQuery, ES6, React, Next.js, Redux, Zustand, Framer Motion
<b>Styling &amp; UI</b>	SASS, Tailwind CSS, Material UI, Bootstrap
<b>Backend</b>	Python, PHP, Node.js, Express.js, WordPress
<b>Databases</b>	MongoDB, PostgreSQL, Prisma, PlanetScale
<b>Tools &amp; DevOps</b>	Git, Docker, REST API, VSCode, Jira, Bitbucket, GitLab
<b>Operating Systems</b>	Windows, Linux