

Charalampos Kremmydas

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Experience

BestPrice.gr Remote
Full-stack Developer Feb 2025 – Present

- **Migrated internal platforms** from legacy Go and AngularJS to Node.js and React, reducing technical debt and improving team productivity.
- **Architected the Credits Club admin portal**, enabling seamless coupon lifecycle management and real-time statistics to optimize internal loyalty program operations.
- **Built an LLM-powered book series pipeline** processing 10K+ books daily with automated validation, introducing a new series browsing and search experience that improved product discoverability and SEO.

Koolmetrix Remote
Full-stack Developer Apr 2024 – Feb 2025

- **Architected a vessel scheduling platform** using Vue.js and Pinia, centralizing operations for 30+ users and replacing inefficient manual workflows with an all-in-one solution.
- **Built a Python/Selenium scraping tool** to automate hourly tracking of 20+ vessels, providing critical real-time positioning data to drive automated port scheduling decisions.
- **Enhanced platform responsiveness** by refactoring slow SQL queries and extending the scheduler UI, providing a robust all-in-one analytics and scheduling package.

Hellenic Army Nicosia, Cyprus
Infantry Soldier (Military Service) May 2023 – Feb 2024

NiLE Lab Heraklion, Greece
Software Engineer Oct 2022 – May 2023

- **Architected a React-based educational platform** with personalized content delivery, providing a core research tool for the lab and securing a successful BSc thesis.
- **Engineered a standardized Node.js/Prisma template** for lab projects, significantly increasing developer onboarding speed and ensuring architectural consistency across internal apps.

Projects

- ikena**
- **Built a full-stack geolocation platform** with Remix/React, Hono/Bun, and Supabase, featuring interactive maps, real-time filtering, SSR, and OAuth as sole developer across the entire stack.
 - **Engineered a queue-based media pipeline with BullMQ and Redis** that offloads image optimization to background workers, producing multi-format variants on Cloudflare R2 with automatic retry and orphan cleanup.

- mandator**
- **Built a P2P file sharing app** with Vue 3, TypeScript, and WebRTC enabling direct browser-to-browser encrypted transfers with chunked streaming and integrity verification
 - **Built a real-time signaling backend** with Socket.IO and Express, featuring peer availability checks, graceful disconnect handling, and comprehensive test suite using Node.js built-in test runner

Education

Hellenic Mediterranean University Bachelor of Science
Informatics Engineering Heraklion, Greece • Sep 2018 – May 2023

Skills

Languages
TypeScript, JavaScript, Python, SQL

Frontend
React, Remix, Vue.js, Tailwind CSS

Backend
Node.js, Bun, Hono, Express.js, BullMQ

Database & Cloud
PostgreSQL, MySQL, Redis, Supabase, Docker