

Ioannis Tzortzakis

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Summary

Computer Science graduate with a passion for building things through code. I'm driven by continuous learning and constantly expanding my skill set, whether that's picking up new technologies or deepening expertise in areas I already know.

Work Experience

Kaeeky Booking System

Self-Employed

CO-FOUNDER & SOFTWARE ENGINEER

Nov 2024 - Present

- Co-founded Kaeeky (kaeeky.com), a web-based booking and rental management platform for boat and watersports businesses to streamline reservations, scheduling, and customer operations.
- Led the product vision and UX design, crafting intuitive interfaces for both operators and customers, optimized seamlessly across desktop and mobile devices.
- Built mobile-first tools for dock staff, featuring offline check-in, booking management, boat registration, coupon generation, and an integrated help centre with video guides.
- Led early-stage project management efforts, including breaking down features into actionable tasks, setting development priorities, and maintaining communication with external platform partners to ensure smooth integrations.
- Optimized platform performance by implementing caching strategies and reducing API call overhead, significantly improving response times and overall system efficiency.
- Developed features across the full stack, including frontend UI components, backend booking logic, and API integration for seamless reservation processing.
- Established and maintained project documentation standards and version control practices, ensuring code quality, traceability, and seamless team collaboration.

CodevvaLabs

Self-Employed

CO-FOUNDER & SOFTWARE ENGINEER

Dec 2024 - Present

Co-founded CodevvaLabs (codevvalabs.com), a studio that develops custom web solutions, builds websites and e-commerce stores, and provides SEO optimization alongside Google and Meta Ads marketing services.

Freelancer

Remote

WEB DEVELOPER & DESIGNER

Jan 2023 - Feb 2024

- Built my own website (ytzortz.github.io) as a starting point to dive deeper into web development and gain hands-on experience.
- Developed multiple projects using WordPress, handling both the creation and ongoing maintenance of websites.
- Improved SEO and performance for these sites and provided consulting on design and development decisions to clients.

Conveos

Heraklion, Crete

LLM INTEGRATION & REACT DEVELOPER INTERN

Jul 2024 - Aug 2024

- Developed plugins for the Cheshire Cat LLM wrapper using Python to improve functionality.
- Integrated open-source React projects into the platform, contributing to front-end development.

This role helped me build skills in AI software development and front-end technology integration, while collaborating with an experienced team of developers.

ICS-FORTH

Heraklion, Crete

JUNIOR SOFTWARE ENGINEER

Jan 2019 - Feb 2019

Introduced to a computer vision project that involved analyzing images of water droplets under vacuum conditions. The images were processed using edge detection algorithms, and we then created a mesh using the 3D models and extracted results from the produced .xyz file.

This experience proved foundational to my subsequent work on my Bachelor's Thesis.

Education

Computer Science Department, University of Crete

Heraklion, Crete, Greece

BSC IN COMPUTER SCIENCE

Sep 2019 - Jan 2025

- **Bachelor's Thesis:** "A Technical Approach for the Generation of 3D Anaglyphs from Images, for the Preservation of Traditional Crafts". Developed a system converting 2D drawings into 3D .obj models via custom image processing. Features include configurable parameters (file/GUI) and embossed/engraved effects. Supervised by Dr. Xenophon Zabulis within the European CRAEFT Project.
- Compiler for 'Alpha' Language: Implemented a complete compiler in C across 4 phases — lexical analysis, syntactical analysis, intermediate code generation, and final code generation.
- 'Search a Movie!' — Information Retrieval System: Built a full-stack search application using Python (Flask), Whoosh IR library, HTML/CSS, and Kaggle datasets.
- Credit Card Company System (CCC): Designed and implemented an enterprise automation system in Java and SQL for credit card company operations.
- MicroTCP: Developed a lightweight TCP protocol library in C utilizing UDP as the underlying transport layer.

Extracurricular Activity

Hellenic Army

Rhodes, Dodecanese, Greece

SOLDIER & IT SPECIALIST

Sep. 2025 - Mar. 2026

- Developed Visual Basic (VBA) macros and automation scripts that reduced the daily and repetitive administrative workload by streamlining the camp's personnel tracking, task assignment, and attendance reporting processes.
- Provided technical support and maintenance for the camp's IT infrastructure, ensuring smooth daily operations.
- Successfully fulfilled all mandatory military service obligations, including physical training, tactical drills, and guard duties, while simultaneously delivering impactful technical contributions.

Skills

Front-end	React, JS, HTML, Tailwind CSS, Bootstrap
Back-end	Node.js, PHP, Java Servlets, JSP
Programming	MERN Stack, Python, C, C++, Java
Other Skills	Organization and Time Management, Problem-Solving, Dependable and Responsible, Self-Motivated
Languages	Greek - Native speaker, English - C2 degree