

Konstantinos Kasidiaris

Proactive engineer who prefers building infrastructure rather than fighting fires. Enjoys Everything as Code (EaC) and automates processes, empowering teams to deliver value faster with minimal friction.

kkasidiaris@gmail.com [GitHub](#) [LinkedIn](#) [X](#) [Website](#)

Work Experience

Software Engineer

Freelancer • Turnkey Solutions

Remote

09.2024 - present

- Developed [ergolabos.gr](#), a construction materials marketplace.
- Developed [xot.gr](#), a static website for a local nonprofit organization.

Elixir

Phoenix

LiveView

Tailwind

PostgreSQL

Render

Hugo

Docker

Devcontainers

GitHub Actions

FFmpeg

Copilot

Cloudflare

Software Engineer

Blueground • PropTech

Remote

11.2021 - 08.2024

- Worked primarily on the Backend for Frontend (BFF) service.
- Optimized database queries and indexes leading to ~30% average reduction in P90 and ~50% average reduction in P99.
- Implemented various code optimizations that increased website capacity from 90 rps to ~500 rps.
- Took initiative to fix flaky integration test suites, improving reliability from a 70% failure rate to 99.9% test pass confidence.
- Designed and implemented a robust inbox pattern, ensuring no messages were missed.
- Assisted the platform team in creating playbooks for different alerts of the BFF app.
- Created a Dashboard-as-Code solution in Datadog to help the business monitor various integration metrics.
- Standardized logging practices across the service.
- Migrated RabbitMQ integration to Kafka.
- Integrated partners' systems into the platform.
- Mirrored business pricing logic in the website for near-instant customer pricing results.
- Implemented wishlists.
- Served as the go-to person for upgrading runtimes and libraries.

Node.js

Express

Fastify

Vue

Jest

Bullmq

Docker

Testcontainers

Cypress

Datadog

Redis

MongoDB

Kafka

RabbitMQ

TypeScript

Git

Backend Developer

Desquared • Software Agency

Remote

07.2020 - 11.2021

- Worked mainly on the BOX food delivery application, responsible for creating and maintaining backend services. Contributed significantly to stabilizing the product.

- Implemented SSE in the ordering system, resulting in a two-thirds reduction in required servers (from 3 Performance-L instances to 1), saving approximately \$1,000 per month.
- Implemented Node.js clustering, resulting in a \$2,500 monthly reduction in operational costs while average weekly orders doubled.
- Refactored BOX code to one-third of its original size (120k to 47k lines of code) and halved its volume (98.7 MB to 56.2 MB).
- Optimized database queries and indexes, leading to an average ~55% reduction in P90 latency.
- Onboarded and trained four backend engineers.
- Standardized logging practices.
- Introduced a deterministic test suite and a linter, improving code quality and consistency.
- Served as the go-to person for upgrading runtimes and libraries.

Node.js Express MongoDB Mongoose Jest Redis Heroku Git

Software Engineer

Athens, GR

Interamerican • InsurTech

07.2018 - 07.2020

- Developed portlets to improve insurance agents' daily workflows.
- Led cross-team knowledge transfer on portlets, improving developer experience.

Java Apache Wicket Groovy Spock SVN Gradle DB2

Chemical Engineer

Piraeus, GR

C&A Stavros Kassidiaris S.A. • Shipbuilding Automations

12.2016 - 12.2017

- Monitored processes and ensured compliance with Greek, European, and IMO environmental regulations.
- Played a leading role in the transition from ISO 9001:2008 to 9001:2015.
- Designed new business cards and email signatures, leading to a more professional company profile.

Chemical Engineer Intern

Tripolis, GR

Gaiatech • Wastewater Treatment

06.2011 - 08.2011

- Studied the wastewater treatment plants of Tripolis, Vytina, Astros, and Agioi Theodoroi (Korinthia).

Education

Full Stack Java Developer

AFDEmp - Peoplecert • Athens, GR • 2018

Chemical Engineer (BEng-MEng)

University of Patras • Patras, GR • 2018

Personal Projects

ergolabos

Construction materials marketplace.

Elixir

Phoenix

LiveView

Tailwind

PostgreSQL

Docker

pestimate

Showcase of company products on Android and iOS.

Angular

Apache Cordova

Spring Boot

PostgreSQL

Public Talks

Engineers Anonymous: Similar stack, different outcomes

DevOps Athens • 2024-12-19

A philosophical reflection of what ultimately makes handling a difficult situation effective.

[View Event ↗](#)

Languages

Greek - Native proficiency

English - C2 (Full professional proficiency)