

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

Interamerican • InsurTech

Athens, GR

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

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

Piraeus, GR

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

Gaiatech • Wastewater Treatment

Tripolis, GR

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.

pestimate

Showcase of company products on Android and iOS.

Public Talks

Engineers Anonymous: Similar stack, different outcomes

DevOops 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)