DIMITRIOS KOUTSOMPINAS

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Professional Summary

Full-stack and DevOps engineer, Informatics and Telematics graduate of Harokopio University of Athens. Co-built a bilingual website and CMS for a construction firm, live since October 2026, and released Checkpoint, a self-updating desktop workspace. For a B.Sc. thesis graded 10/10, built a DevSecOps pipeline that signs container images by digest and has the cluster re-verify them at admission. Two-month internship at the General Secretariat of Information Systems.

Education

Harokopio University *Athens, Greece*
B.Sc. in Informatics and Telematics | 2022 – 2026
- Grade: 7.93/10, degree completed (all coursework requirements & B.Sc. Thesis)
- B.Sc. Thesis (Grade: 10/10): Design and Implementation of a DevSecOps Lifecycle (see Projects)

Experience

DOMI MORFI, construction firm | domimorfi.gr *Remote*
Web Developer, client project in collaboration with another developer | Aug 2026 – Oct 2026
- Built a bilingual (Greek/English) static Astro site on Cloudflare Pages: 78 pages, live at domimorfi.gr since October 2026, with no database or admin route at its origin.
- Wrote most of the Studio, the CMS the firm's office edits and publishes the site from, which the other developer later moved online to a Cloudflare Worker behind Cloudflare Access.

General Secretariat of Information Systems (GSIS) *Athens, Greece*
Full-Stack & DevOps Engineering Intern | May 2026 – Jun 2026
- Collaborated in a two-person agile team to design and build three prototype applications, run in local development environments, managing Git workflows, branching strategies, and daily code reviews.
- Co-engineered **GSIS Leave Management System** (Jakarta EE 10, Java 17, JSF/PrimeFaces, JPA/EclipseLink, Payara Server, MySQL), leading development for the iText PDF document generation engine for official leave certificates, Secretary role administration workflows, and manager analytics dashboards.
- Co-built **GSIS Monitor** (Go, Python/FastAPI, SvelteKit, TimescaleDB, Docker, K8s), designing and developing the FastAPI backend, ORM database models, TimescaleDB data retention policies, and Kubernetes StatefulSet deployment manifests.
- Co-developed **Verdant Stock Tracker** (Next.js 16, React 19, TypeScript, Prisma ORM, PostgreSQL, Docker, K8s), driving the implementation of the Next.js App Router stock screener engine and Docker/Kubernetes containerization.

Projects

BoostFlow — DevSecOps Thesis *2025 – 2026*
Jenkins, ArgoCD, Kubernetes, Ansible, Vault, Cosign, Kyverno
- Designed and implemented an automated DevSecOps lifecycle featuring multi-stage CI security scans (Gitleaks, Semgrep, CodeQL, Checkov), container signing (Cosign), SLSA provenance, and GitOps deployments via ArgoCD.
- Provisioned the Kubernetes cluster with a single Ansible playbook, and had Kyverno re-verify each image's Cosign signature at admission, independently of the pipeline. | App Repo | GitOps Repo

Checkpoint — Local-first Desktop Workspace *2026*
TypeScript, Electron, React, SQLite, Model Context Protocol
- Solo-built and released a desktop workspace with a board, calendar, notes, canvas and focus timer, on Electron and SQLite, MIT licensed, with a self-updating Windows installer on GitHub Releases.
- Exposed 22 tools over the Model Context Protocol so an AI assistant can read and update the workspace, with every change logged and nearly all undoable; plugins run sandboxed, one process each. | GitHub

Skills

Programming Languages: Java, Go, Python, TypeScript, JavaScript, C++, SQL, Bash
Frameworks & Web: Next.js, React, Astro, Electron, SvelteKit, FastAPI, Jakarta EE (JSF/PrimeFaces), Spring Boot, Tailwind CSS
Cloud, DevOps & Security: Docker, Kubernetes, Helm, Cloudflare (Pages, R2, Zero Trust), GitHub Actions, Jenkins, ArgoCD, Ansible, HashiCorp Vault, Kyverno, Cosign, Prometheus, Grafana, SonarQube, Trivy, Gitleaks, Semgrep, CodeQL, Checkov, Git
Databases & ORM: PostgreSQL, MySQL, TimescaleDB, SQLite, Firebase, Prisma ORM
Spoken Languages: Greek (mother tongue), English (C2, proficient in understanding, speaking and writing)