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Michail Karadimos

Software Engineer (Python / React)

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Technical Skills

Frontend: React 18, TypeScript, Vite, TailwindCSS, shadcn/ui

Backend: Django, REST APIs, Python, PostgreSQL, js-yaml

DevOps: Docker, Docker Compose, Kubernetes, CI/CD, GitHub Actions

Monitoring: Prometheus, Grafana, Thanos, Kepler

Languages: Python, JavaScript, TypeScript

Certifications

DevOps: The Complete Kubernetes Course

Advanced Kubernetes Usage

Build REST API with Python & Django

Django with React | E-commerce

Professional Summary

Results-driven Software Engineer (Python / React) with strong experience in full-stack web development, DevOps, and cloud-native systems. Skilled in React, Django, Docker, and Kubernetes, combining frontend expertise with backend integration and CI/CD automation. Experienced in scalable applications, observability, and data-driven dashboards for European and public-sector projects.

Professional Experience

Software Engineer — Synelixis S.A.

09/2022 – Present

- **Backend Developer (First 4–6 Months):** Developed and maintained backend services in Django, integrating ML models and containerized applications using Docker and Kubernetes.
- **DevOps / Cloud Monitoring Engineer (European Project):** Worked with Prometheus, Grafana, Thanos, and Kepler for observability and energy-efficient monitoring across Kubernetes clusters.
- **Full-Stack Developer — "M16" Project:** Contributed to an EU-funded agricultural information system using Django, PostgreSQL, and React; deployed using Docker.
- **Full-Stack / DevOps Engineer — SynField Dashboard:** Built an IoT data dashboard integrating drone telemetry, implemented CI/CD with Docker & Kubernetes.
- **Selected Project — Kubernetes Network Policy Dashboard (2025):** Developed a React 18 + TypeScript frontend integrated with Django REST, Dockerized with runtime env injection and YAML generation.

Full-Stack Web Developer — MALERDOS: Recycling & Agricultural Technology Systems (in progress)

- Currently developing a modern, fully responsive web application for MALERDOS, a Greek company specializing in agricultural machinery, recycling systems, and environmental technologies.
- The platform showcases the company's product catalog, municipal and environmental projects, and includes a contact form for client inquiries.
- Built with React + TypeScript and Vite, using Supabase for backend and database integration, and Tailwind CSS for a clean, modern UI.
- Implements multi-language support (EN/EL) and automated CI/CD deployment via Netlify, enabling seamless updates with every GitHub push.
- The project is currently under active development, focusing on scalability, usability, and modern web architecture.
- 🔗 Live Demo: https://malerdos.netlify.app

Education

BSc & MSc — Information and Communication Systems Engineering, University of the Aegean (2014 – 2020)

Thesis: *Bitcoin and GDPR – Challenges and Solutions*