

Thergiakis Eftichios

Senior Software Engineer

SUMMARY

Senior Full Stack Software Engineer with 5+ years of experience building scalable web applications, AI-powered platforms, and data processing systems. Proven track record in frontend development, API design, and large-scale data management. Experienced in delivering end-to-end solutions from conception to deployment across diverse industries including AI, real estate and EU regulatory platforms.

EXPERIENCE

Data Engineer | Margera

January 2025 - Present

- Designed and managed complex SQL queries and stored procedures for large-scale data extraction, analysis, and management.
- Built and maintained large-scale ETL pipelines in SQL to support warehousing and reporting processes.
- Implemented a chat-based component that allowed users to query and interact with insights via natural language.
- Developed a comprehensive AI-powered trend monitoring platform integrating LLMs, custom metrics and data insights using React, Django, SQL, BigQuery, and embeddings. Additionally enhanced performance by over 60% by optimising processes and redesigning pipelines.

Software Engineer | Squaredev

March 2022 - January 2025

- Led development of an LLM penetration testing platform with real-time user prompt evaluations, using technologies such as multithreading, websockets, relational databases, Azure deployments and Next.js. This platform was a key factor in securing a €1M investment in Squaredev from an external company.
- Led the EU-funded Sunrise project on resource demand prediction in water and healthcare sectors, covering library development, services deployment, Kubernetes orchestration and releases of the tool.
- Engaged in diverse engineering challenges at Squaredev, including designing APIs, solving complex resource-intensive problems with multithreading and implementing task queues (Celery) to manage notifications and background processes efficiently.
- Designed and played a key role in developing "Anty," Squaredev's flagship recommendation system. Built complex data pipelines and integrated Neo4j to deliver personalized recommendations at scale with thousands of requests per day from various e-shops concurrently.
- Worked as an external consultant at Intrasoft, contributing to the BOIP

INFO

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SKILLS

Backend

Python

TypeScript/JavaScript

Rest API Design

SQL/NoSQL Databases/Neo4j

BigQuery

FastAPI/Flask/Django

Web Sockets

Docker

Redis/MinIO

Celery Task Queue

GraphQL

Node/Express

Frontend

React.js/Next.js

HTML/CSS + several frameworks

Tailwind

Styled components

Other skills & tools

Git

ElasticSearch

Bash scripting

Testing

K8s

Github actions

Azure

Google Cloud Platform

Prompt Engineering

Soft skills

Problem solving abilities

Strong debugging skills

Performance optimization

Great communication

rights registration platform for EU organizations, with a primary focus on frontend development.

LANGUAGES

Native Greek

Advanced English

Software Developer | Resitech LTD

April 2021 - March 2022

- Developed an interactive feedback widget for client feedback and problem reporting, integrated into various platforms including e-shops.
- Implemented web scraping pipelines to collect and structure real estate data from multiple well-known sources.
- Developed the Resitech platform for presenting NLP and real estate analytics, using React.js, Node.js and MongoDB.

TECHNICAL READS

Clean Code by Robert C. Martin

Designing Data Intensive Applications By Martin Kleppmann

EDUCATION

- Department of Informatics Engineering – TEI of Crete (2013-2019)
- Software Design and Architecture – [Coursera](#) (2023)
- Python Certificate — [TestDome](#) (Jun 2021)
- React Certificate — [TestDome](#) (Mar 2021)
- Various Additional Professional Trainings

REFERENCES

Provided upon request or check my portfolio page