Thergiakis Eftichios

Software Engineer

SUMMARY

Full Stack Software Engineer with 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.

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 platform** 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 · 2 yrs 11 mos

- **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.
- **Key contributor** to the EU-funded Sunrise project on water and healthcare demand prediction, **development of libraries and Kubernetes-orchestrated deployments**.
- **Engaged in diverse engineering challenges** at Squaredev, including designing APIs, solving complex resource-intensive problems with multithreading and implementing task queues (Celery).
- **Co-designed and developed** 'Anty,' Squaredev's flagship **recommender system**, building data pipelines and integrating Neo4j to deliver personalized recommendations at scale with **thousands of daily requests**.
- Worked as an external consultant at Intrasoft, contributing to the BOIP rights registration platform for EU organizations, with a **primary focus on frontend** development.

INFO

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SKILLS

Backend
Python
Rest API Design
SQL/NoSQL/Neo4j
BigQuery
FastAPI/Flask/Django
Web Sockets
Docker/K8s
Redis/MinIO/ElasticSearch
Celery Task Queue
GraphQL
Node/Express

Frontend
TypeScript/JavaScript
React.js/Next.js
HTML/CSS + several frameworks
Tailwind
Styled components

Other skills & tools
Git
Bash
Testing
Github actions
Azure
Google Cloud Platform
Prompt Engineering

Soft skills
Problem solving abilities
Strong debugging skills
Performance optimization
Great communication

Software Developer | Resitech LTD

April 2021 - March 2022 · 1 year

- **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.

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

LANGUAGES

Native Greek

Advanced English

TECHNICAL READS

Clean Code by Robert C. Martin

Designing Data Intensive Applications By Martin Kleppmann