



Vasileios Verykokos

Open to relocate to Larissa, Athens or Thessaloniki and strong interest in remote work

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DESCRIPTION

Applied Informatics graduate (University of Macedonia, GPA 8.23) specialising in full-stack development (Java, React) and with a strong interest in AI/ML. In June 2026 my team won 1st place at the world final of the Huawei ICT Competition, in Shenzhen, China. Implementation of a custom CRM, stock movement prediction and natural disaster guidance system. Open to frontend, backend and AI/ML opportunities.

AWARDS

Won 1st prize at the world final of the Huawei ICT Competition — Innovation Track. Shenzhen, with team AEGIS.	June 2026
Won 1st prize at the European final of the Huawei ICT Competition — Innovation Track.	May 2026
Won 1st place in the AI Hackathon "Unboxed by PwC" competition. With team AEGIS.	December 2025
Exhibitor at the Thessaloniki International Fair. With team AEGIS.	September 2026
Scholarship from the Municipality of Larissa. For my performance at high school and at university.	2021 - Present

PROJECT

AEGIS — crisis management platform 2025 – 2026

Sole developer: implementation of the entire interface (rescue teams' operations centre and companion application for incident reporting by citizens).

- Implementation of a browser-based wildfire spread model, applying the Rothermel slope correction over live elevation data from ASTER 30 m and hourly wind forecasts from Open-Meteo, rendering 4-hour prediction zones, directional fire rays and ember-spotting polygons through Turf.js geospatial analysis
- Voice control in six languages with the Web Speech API
- Tactical map in Leaflet: drawing tools, route plotting, heatmaps and live satellite fire hotspots from NASA FIRMS.
- Editing of the demo videos presented at the European and world finals.

Stock technical analysis dashboard 2026

- Implementation from scratch of 14 technical analysis indicators — RSI, MACD, Bollinger Bands, Stochastic etc. — instead of using a ready-made library.
- The signal engine is triggered only on real changes — moving average crossover, MACD cross, entry into an overbought zone — so that the same signal is not repeated every day.
- Prices come live from the Twelve Data API, with CSV capability for offline use. Symbol comparison, watchlist, date filtering and chart export.

CRM 2025 – 2026

A CRM developed for personal use that runs locally — client records, document storage and reminders for recurring tasks. Backend in Spring Boot, frontend in React, PostgreSQL, packaged with Docker Compose.

SKILLS

Languages Java, Python, TypeScript, JavaScript, SQL, C

Backend Spring Boot, REST APIs, JWT, JUnit, Maven

Frontend React, Vite, Tailwind CSS, Leaflet, Recharts

Data & tools PostgreSQL, Supabase, Pandas, NumPy, Git, Docker, Linux, Git, BPMN, DMN

EDUCATION & WORK

University of Macedonia, Thessaloniki Department of Applied Informatics, Information Systems 2022 – 2026

Tourism entertainment company Seasonal summer employment at a water park 2022 – 2023

English — C2 (Certificate of Proficiency)

Interests — technology, music, team sports, travel, friends.

Military obligations — fulfilled