

# Gounaris Georgios

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## Summary

Electrical & Computer Engineer with experience in workflow automation, system integration, and secure data-driven applications. Skilled at translating business needs into scalable designs and robust technical architectures. Focused on improving processes, enabling teams, and ensuring dependable solution adoption.

## Experience

### Technology Consultant (Product, Solutions & Trade Operations)

07/2023 – Present

Gounaris Customs  
Thessaloniki, Greece

- Oversaw digital transformation work, mapping processes and delivering secure, scalable solutions for critical customs workflows.
- Built and deployed an agentic AI document-classification solution, automating processes and reducing manual sorting time.
- Designed automation and RPA-based data pipelines that improved accuracy, cut manual sorting time by 50%, reduced repetitive tasks, and increased throughput across customs operations.
- Owned integration architecture and API connectivity across customs, Ministry, and logistics systems using REST, EDI, and event-driven flows, enabling consolidated exports and improving liquidity by 24%.
- Led requirements gathering, PoCs, and user testing while translating end-to-end needs into user stories and acceptance criteria.

### Technical Coordinator - Military Service

09/2024 – 06/2025

NATO Rapid Deployable Corps, Engineers Brigade  
Greece

- Coordinated rollout of a centralized ERP-style tracking system to improve visibility and decision-making across engineering units.
- Oversaw system lifecycle, troubleshooting, onboarding, and uptime for mission-critical IT systems supporting 50+ personnel.

## Education

### Integrated Master's in Electrical and Computer Engineering

9/2018 – 7/2024

GPA: 7.57 (Master's GPA: 8.44)

Aristotle University of Thessaloniki  
Greece

- Thesis: Echompass: Real-Time Navigation for the Visually Impaired using RFID Technology. Code | PDF  
Designed and implemented a full IoT system architecture and cloud-connected workflow integrating RFID sensors, edge computing, cloud services (Supabase), REST APIs, and a Next.js front-end.  
Developed real-time data processing logic, system reliability mechanisms, and user-centered design practices.
- Co-Organizer at TEDx University of Macedonia  
Managed event operations, AV infrastructure, and volunteer teams for a TEDx event with 2,000+ attendees, ensuring reliable technical execution.

### Erasmus Exchange

1/2023 – 6/2023

Sorbonne Polytechnic University  
Paris, France

- Completed coursework in embedded systems and cloud computing, focusing on IoT applications and connected technologies.

## Skills

- **Solution & Delivery:** Solution Architecture, Requirements Gathering, Process Mapping (BPMN), Technical Documentation, PoCs & Demos, Stakeholder Align, UAT
- **Technical:** Python, Node.js, TypeScript, SQL, React, Next.js, PostgreSQL, MongoDB, Git, Docker, Supabase
- **Integrations & Automation:** Workflow Automation, Data Pipelines, RPA Concepts, APIs (REST, GraphQL), ERP Systems, Integrations Patterns
- **Domains:** Customs & Logistics, Cloud Solutions, Document Automation, IoT & Real-Time Data

## Languages

Greek: Native | English: C2 – Proficient | French: Basic proficiency