Contact

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www.linkedin.com/in/panagiotis-chatzoglou (LinkedIn)
github.com/PanagiotisChatzoglou (Personal)

Top Skills

Data Warehouse Architecture

Data Warehousing

Data Engineering

Certifications

Build Wireframes and Low-Fidelity Prototypes

Data Engineering 101

Academy Accreditation - Generative AI Fundamentals

Intro to Large Language Models (LLMs)

Responsive Web Design

Panagiotis Chatzoglou

Data & AI @ IBM | Electrical & Computer Engineering Student

Thessaloniki, Central Macedonia, Greece

Summary

Highly motivated and passionate Electrical & Computer Engineering student, currently pursuing a Master's degree with a focus on Software Engineering. I have a strong interest in algorithms, computer science theory, and system architecture, combined with hands-on experience in full-stack development and AI. Always eager to learn, build, and apply new technologies to real-world challenges.

Experience

IBM

Data & AI Engineer

July 2025 - Present (2 months)

Athens, Attiki, Greece

Data and Technology Transformation |

Consulting Department

Self Employed

Full Stack Engineer

January 2023 - June 2025 (2 years 6 months)

Thessaloniki, Central Macedonia, Greece

Designed, developed, and maintained scalable and high-performance web applications for local businesses, leveraging TypeScript, React, Next.js, Node.js, Express, MongoDB and MySQL.
Implemented modern UI frameworks like Tailwind CSS , material UI, shadcn to enhance user experience and optimize frontend performance.

Built and optimized applications following a client-server architecture (RESTful APIs), ensuring modularity, separation of concerns, and efficient communication between the frontend and backend.

Conducted discovery meetings with clients to identify their pain points, understand their business needs, and translate them into technical requirements.

Designed UML diagrams (use case diagrams, sequence diagrams, class diagrams) and ER models to create a strong system design foundation before development.

Created Software Requirement Specifications (SRS), mapped out user stories, and established an iterative development roadmap to ensure alignment with business goals.

None

Founder-Developer | EurekAI
January 2025 - May 2025 (5 months)
Thessaloniki, Central Macedonia, Greece

AI-Powered Learning Assistant | Solo Project from Hackathon
Initiated and built EurekAI, an AI-driven web app that generates structured outlines and learning material from user prompts using OpenAI's GPT models.

Developed end-to-end with Next.js, Tailwind, Zustand, Clerk (auth), and Neon (PostgreSQL); containerized with Docker for production readiness.

Led the full development lifecycle independently in 4 days during an AI hackathon, from concept to deployment. Currently evolving into a full platform to create, edit, and share AI-generated presentations for students and educators worldwide.

skg.education

Software Engineer | Work Simulation Program
September 2021 - March 2022 (7 months)
Thessaloniki, Central Macedonia, Greece

Participated in requirements analysis, system design, and API planning for a health services app prototype.

Designed UML diagrams, helped define backend architecture (MVC), and contributed to Postman API testing.

Worked closely with mobile developers and stakeholders to align backend services with frontend functionality and user needs.

Tech Stack: Kotlin, Node.js, Express.js, MongoDB, Postman

EESTEC LC Thessaloniki

Software Developer
September 2020 - February 2022 (1 year 6 months)
Thessaloniki, Central Macedonia, Greece

Collaborated within a cross-functional student team to maintain and improve the organization's public-facing website. Supported frontend updates and content integration using WordPress, while ensuring consistent branding and functionality. Actively contributed to team meetings, coordinated with members from diverse academic backgrounds, and developed strong communication, collaboration, and problem-solving skills in a dynamic, fast-paced environment.

Education

Aristotle University of Thessaloniki (AUTH)

Master's degree, Electrical & Computer Engineering · (September 2019)