PANAGIOTIS ZEVGOLATAKOS

panoszevg@gmail.com | GitHub | LinkedIn Cyprus

WORK EXPERIENCE

XM **Nicosia, Cyprus**
Associate Software Developer *January 2026 – Present*

- Working on performance-critical backend systems in a real-time trading environment using modern C++
- Contributing to system design, implementation, and testing, with a strong focus on correctness and reliability
- Writing and maintaining unit, functional and integration tests to validate correctness and system behaviour
- Learning and applying performance analysis and optimization techniques in live systems

TSYS – Global Payments **Nicosia, Cyprus**
Software Engineer II (Delivery Team) *June 2024 – December 2025*
Software Engineer I (Delivery Team) *September 2022 – May 2024*

- Worked on large-scale backend systems in the payments domain using C/C++ and PL/SQL
- Contributed across the SDLC, with emphasis on correctness, reliability, and production readiness
- Collaborated with stakeholders and clients, translating business requirements into reliable system behavior
- Supported production systems and participated in incident resolution for high-availability environments

EDUCATION

National Technical University of Athens – School of Electrical and Computer Engineering **Athens, Greece**
Sep 2017 – Jul 2022
Integrated Master of Electrical and Computer Engineering

- GPA: 8.19/10
- Diploma Thesis: "*Integration of blockchain systems with existing computer ecosystems using Service oriented architecture Modeling Language*"
- Relevant Coursework: *Compilers, Software Engineering, Software as a Service, Operating Systems, Advanced Topics in Databases, Algorithms & Complexity*

PROJECTS

Order Matching Engine (Personal) – [link] **Larnaca, Cyprus**

- Developed a high-performance, real-time order matching engine in modern C++17, supporting multiple securities with price-time priority and configurable tick sizes
- Implemented support for partial/full fills, order cancellations/modifications, integrated logging and order-book snapshots for monitoring and auditability
- Containerized with Docker and exposed via a Flask REST API for integration with external systems

Llama Compiler (University) – [link] **Athens, Greece**

- Designed and implemented a full-featured compiler for 'Llama', a custom functional language – handling parsing, semantic analysis (type inference & closures), IR generation and LLVM code emission
- Built in C++, leveraging Flex and Bison for parsing and LLVM for higher-order functions, recursive types and optimization passes

ADDITIONAL INFORMATION

Programming:	C/C++, Python, SQL, Java, Bash
Tools:	Linux, Git, SVN, Jira, Confluence, Oracle
Skills:	OOP, RDBS, Data Structures & Algorithms, UML
Soft Skills:	Agile, SDLC, Problem-Solving, Communication
Languages:	Greek (Native), English (C2), Japanese (N3)
Interests:	Music, Muay Thai