

Experience

Senior Software Engineer | [TÜV AUSTRIA](#) | 08/2024 – Present

- Collaborating in an **agile team** to develop and enhance a client portal, enabling users to securely access and manage their data.
- Drove the **platform's evolution** by integrating various tools and functionalities, transforming it into a comprehensive **multi-functional solution** that consolidates **multiple services** within a unified interface.
- Actively contributed in **feature discussions** and **architectural decisions**.
- Providing technical expertise to both **frontend** and **backend services**, ensuring seamless integration and performance across the entire stack using **Javascript** and **Java Spring Boot**.
- Addressing complex technical challenges, **optimizing system performance**, and implementing iterative improvements based on user feedback and evolving needs.
- Created **ETL workflows** using **Python** with **FastAPI** to extract transform and load data to the database.

Medior Software Engineer | [Agile Actors](#) | 07/2022 – 08/2024

Junior Software Engineer | [Agile Actors](#) | 02/2022 – 07/2022 | Internship (6 Months)

- Took **ownership** of key projects, demonstrating strong problem-solving skills and delivering high-quality results.
- Led the transformation of a **monolithic system** into a **web services-oriented architecture**, improving scalability and maintainability.
- Developed a **web crawler service** to enrich database, integrated via **event-driven architecture** using **Apache Kafka**.
- Built and deployed a **company-wide CI/CD pipeline**, utilizing **Jenkins** and **Docker**, ensuring efficient, reliable, and scalable deployments.
- Introduced **unit tests** with **Spock** improving backend component reliability and reducing bugs.
- Played a key role in **architectural decisions** and implemented solutions using **Java** (versions 6-21) and **Spring Boot**.

Education

Bachelor's degree in Computer Science | 10/2018 – 02/2023 | Grade: 7.36/10 ~ 3 GPA

[National & Kapodistrian University of Athens](#), [Department of Informatics and Telecommunications](#)

- Worked with C, C++, Java, Python, Javascript, Assembly
- Good understanding and manipulation of Data Structures
- Algorithms & Problem Solving
- Multi Threading & Shared Memory
- [InvertedSearchEngine](#) (SIGMOD) A Keyword Matching in documents implemented in C++.
- Developed Trees, Hash Tables and Lists. Word matching with edit and hamming distance.
(1 thread: 1395ms. Best time with 5 threads: 520ms)
- Compilers: [Intermediate code LLVM creation](#) | [Compiler for MiniJava \(subset of Java\)](#)

Projects

- BidPoint**: A platform where you can bid for items.
Used **React.js (Javascript)** for the Frontend and **Spring Boot (Java)** for the Backend. Features:
 - JWT, Admin Page
 - Crud operations
 - Bidding logic: winner, synchronized bids, etc.
 - Recommendation algorithm
- Artificial Intelligence & Machine Learning Projects
 - Berkeley Pacman [Project 1](#) | [Project 2](#)**: Implemented depth-first, breadth-first, uniform cost, A* search, multiagent minimax and expectimax algorithms, as well as designing evaluation functions.
 - [Transformers](#) | [RNN with LSTM & GRU cells](#) | [FeedForward Neural Network](#)

Skills

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|-----------------------|--|
| ▪ Spring Boot | ▪ Java, Javascript, Typescript, Python |
| ▪ Maven and Gradle | ▪ Node.js, Express.js, FastApi |
| ▪ Spring Data JPA | ▪ Docker, Docker Compose, Kubernetes |
| ▪ Spring Security | ▪ Elasticsearch |
| ▪ Apache Kafka | ▪ SQL, NoSQL (Mongo, Postgres, Db2, MySQL, Oracle) |
| ▪ Apache Tika | ▪ React.js, Next.js |
| ▪ Apache Poi | ▪ Redis |
| ▪ Grafana, Prometheus | ▪ Spock |

Languages

- Greek (Native language)
- English (Fluent in both spoken and written communication)