

# Alexandros Tzimas

## Software Engineer

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## SUMMARY

Full-stack engineer, 6 years experience (3 at Mysten Labs) building scalable, high-performance systems end-to-end. Skilled across smart contract development, SDK integration, and system architecture. Shipped production systems handling real-world scale, with a focus on security, performance, and maintainability.

## EXPERIENCE

### Software Engineer

Sept. 2023 - Present

#### Mysten Labs • Remote

- Core contributor to Walrus Sites, a decentralized hosting platform built on Sui and Walrus; drove the project from development to mainnet, now serving 250K unique visitors and 9.4M requests per month with zero downtime across 1.5+ years of continuous deployment.
- Led a sub-team of 4 engineers focused on system architecture, owning the review and design of both internal and partner solutions at scale.
- Built client-side Sui object management tooling to optimize object handling during transaction building and execution, increasing throughput of client requests.
- Developed and maintained a suite of tools and SDKs aimed at improving the developer experience for Sui DeFi builders, including the Hashi TypeScript SDK (creator), the DeepBook sandbox environment (contributor), and other high-performance utilities focused on usability and developer ergonomics.

### Software Engineer

Mar. 2021 - Sept. 2022

#### Programiz LLC • Athens

- Engineered scalable data ingestion pipelines for ActionIQ, a NYC-based enterprise client, enabling reliable processing of terabytes of data across large-scale customer deployments.
- Spearheaded a full rewrite of a React Native application into native iOS, delivering a robust codebase exceeding 15,000 lines of code from the ground up.
- Streamlined internal company workflows by applying operations research methodologies, reducing manual overhead and improving process efficiency.

### ML & Data Engineer

Nov. 2020 - Mar. 2021

#### METIS Cybertechnology • Athens

- Led a comprehensive refactoring of a conversational chatbot application, improving code maintainability and scalability through modular architecture redesign.
- Engineered and optimized NLP pipelines to enhance chatbot language understanding, enabling more accurate and context-aware conversational responses.
- Applied machine learning techniques to streaming maritime sensor data to predict CO2 emissions of ferries.

### ML Engineer & Backend Developer

Jan. 2020 - Nov. 2020

#### VAIX • Athens

- Developed and deployed REST APIs, processing modules and ML models.
- Built KPI dashboards; optimized database query performance. Optimized critical SQL queries by up to 85%, reducing runtimes from hours to minutes for daily recurring workloads — significantly cutting cloud hosting costs at scale
- Reduced infrastructure overhead by streamlining database query efficiency, enabling high-frequency daily pipelines to run reliably without resource bottlenecks

## EDUCATION

### Athens University of Economics and Business | 2018 - 2019

#### M.Sc. Computer Science

Grade: 8.21/10

### Athens University of Economics and Business | 2014 - 2018

#### B.Sc. Statistics

Grade: 7.22/10

## SKILLS

TypeScript Rust Python Move  
Scala Solidity  
Blockchain (Sui, Ethereum, Solana, B  
DeFi Distributed Systems  
PostgreSQL Redis Apache Spark  
Keras scikit-learn  
Google OR-Tools Docker  
Kubernetes CI/CD Linux  
Team Leadership

## LANGUAGES

Greek (Native) • English (Fluent) • Italian (Fluent)

## LINKS

📄 [linkedin.com/in/alexandros-tzimas-247b0a15a/](https://www.linkedin.com/in/alexandros-tzimas-247b0a15a/)  
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