LUKA ALADASHVILI

SOFTWARE ENGINEER

CONTACT

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PROFILE

Software Engineer with over 3 years of experience designing, building, and optimizing high-performance backend systems. Skilled in Java, C++, Python, multithreading, API development, and scalable system design. Strong foundation in backend architecture, object-oriented programming, and AI model deployment. Known for writing clean, maintainable code and delivering robust solutions under tight deadlines. Experienced in leading small teams, mentoring peers, and promoting best practices. Passionate about backend engineering, automation, and continuous learning to solve complex problems and grow professionally.

EDUCATION

2025 - Present
GAIA X ISET

- AI Development and Research
  4.0 / 4.0 GPA

2024 - Present
FREE UNIVERSITY OF TBILISI

- Mathematics and Computer Science bachelor
  3.81 / 4.0 GPA

2012 - 2024
GEORGIAN-AMERICAN SCHOOL

- GPA: 4.0 / 4.0

WORK EXPERIENCE

Freelance   REMOTE | 2023 – PRESENT
Freelance Software Developer

- Design, build, and maintain high-performance backend systems for clients using Java, C++, and Python.
- Develop multithreaded data ingestion and processing pipelines optimizing for scalability and performance.
- Create custom software solutions including REST APIs, automation tools, and data processing applications.
- Apply system design and cloud technologies (AWS) to enhance application reliability and maintainability.

Georgian-American school   ON-SITE | 2022 – 2024
Technical Program Manager

- Led a team of 5 student engineers to build award-winning backend solutions for ICYS and IJSO competitions.
- Mentored peers on Java/C++ fundamentals, SOLID design, exception handling, and clean-code best practices through weekly code reviews and workshops.

SKILLS

Programming	Other
• C++	• Machine Learning
• Java	• System Design
• Python	• API Development
GenAI	• Competitive Programming
• Prompt engineering	• Data Structures & Algorithms
• Model fine-tuning	• Database Systems
	• AWS

ACHIEVEMENTS

1st Place – STEM Competition, held by Bank of Georgia

1st Place – Java Backend Challenge: Algorithms & Data Structures

Winner – Multiple Competitive Programming Contests (MediaLab, University Hackathons)

Top Scorer – Unified National Exams (Full Academic Grant)