

# Aliakbar Golestani

Software Engineer

Tehran, Iran  
+98 (901) 510 95-64  
aliakbar.gls@aut.ac.ir  
in aliakbar-golestani-22b986246  
ialiakbar

## Education

2020 – Present **Bachelor of Computer Science**, *Amirkabir University of Technology*, Tehran, Iran

2016 – 2020 **High School Diploma**, *Allameh Helli High School*, Khoy, West Azarbaijan, Iran

## Experience

Jan 2022 – Present **Software Engineer**, *Yektanet*, Tehran, Iran

Technologies: Python, Go, JS, Django, Node.js, TypeScript, Redis, PostgreSQL, NoSQL, Airflow, Spark, Kafka, RabbitMQ, SRE, CI-CD, Docker, Kubernetes, Object Storage

Aug 2025 – Present **Software Engineer**, *Tradiqu*, Dubai, UAE

Technologies: Python, Go, JS, Django, Node.js, TypeScript, Redis, PostgreSQL, NoSQL, Airflow, Spark, Kafka, RabbitMQ, SRE, CI-CD, Docker, Kubernetes, Object Storage

## Projects

2023 **Android E-Commerce Platform**, *Personal Project*

- An Android e-commerce application built with Java for AP course project.
- Technologies: Java, Database, OAuth, Gradle, Android Studio
- GitHub: [github.com/ialiakbar/android-e-commerce-store-application](https://github.com/ialiakbar/android-e-commerce-store-application)

2023 **MyGrep - Rust Grep Clone**, *Personal Project*

- A high-performance grep clone written in Rust as part of an Operating Systems course project. This tool provides fast text searching capabilities with support for regex patterns, multi-threading, and colored output.
- Technologies: Rust, Operating Systems, Multi-Threading, Regex
- GitHub: [github.com/ialiakbar/rust-grep-clone](https://github.com/ialiakbar/rust-grep-clone)

2023 **Java Calculator GUI**, *Personal Project*

- A sophisticated calculator application built in Java with a graphical user interface that supports complex mathematical expressions with proper operator precedence and error handling.
- Technologies: Java, GUI, Swing, Math
- GitHub: [github.com/ialiakbar/java-calculator-gui](https://github.com/ialiakbar/java-calculator-gui)

2023 **Dual Headset Sync**, *Personal Project*

- A bash script to sync and combine audio from two separate Bluetooth headsets into a single audio output.
- Technologies: Bash, Bluetooth, Audio
- GitHub: [github.com/ialiakbar/dual-headset-sync](https://github.com/ialiakbar/dual-headset-sync)

## Technical Skills

Programming Languages Python, Go, Java, Rust, C, C++, JS, TypeScript

Backend Node.js, Django, FastAPI, REST APIs

Databases PostgreSQL, NoSQL, Redis, VectorDB, HDFS, ClickHouse

Cloud & DevOps Docker, Git, CI/CD, Linux, Kubernetes, Object Storage

Tools VS Code, IntelliJ IDEA, Postman, Jupyter, PyCharm, PyTorch, TensorFlow, PySpark, Airflow, Spark, Kafka, RabbitMQ, Kubernetes, Object Storage, etc.

## Languages

Azerbaijani Native  
Turkish  
Persian Native  
English Intermediate

## Interests

Technology Operating Systems, Big Data, Machine Learning, Cryptography, Data-Driven, etc.  
Personal Tea, Music, Series, Movies