

# MUSTAFA SADIQI

Computer Engineering Student | Software & Cloud Computing Enthusiast

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## PROFESSIONAL SUMMARY

Computer Engineering student at Amirkabir University of Technology with a foundation in programming, algorithms, data structures, computer systems, and software development. Interested in software engineering and cloud infrastructure opportunities while developing practical familiarity with AWS, Azure, and GCP concepts.

## EDUCATION

**Amirkabir University of Technology - B.Sc. in Computer Engineering** | Tehran, Iran

Current GPA: 16.1/20. Focused on programming, algorithms, data structures, computer systems, analytical thinking, and problem solving.

- Applied C, Java, and Python through object-oriented and procedural programming coursework.

**Amani High School - High School Diploma** | Kabul, Afghanistan

Graduated with a GPA of 99.35 and received academic distinctions and recognition for leadership and extracurricular performance.

- Developed English and Persian language proficiency and literary analysis skills.

**Anis Science Educational Center - Chemistry Course** | Kabul, Afghanistan

Studied chemical reactions, atomic structure, laboratory practice, and quantitative problem solving.

## TECHNICAL SKILLS

**Languages:** C, Java, Python | **Database:** MySQL | **Cloud:** IaaS, PaaS, SaaS; AWS, Azure, and GCP fundamentals | **Tools:** Git, GitHub, Linux, Docker, Nginx | **Foundations:** OOP, procedural programming, algorithms, data structures

## SELECTED PROJECTS

**XAUUSD Smart Money Concepts Dashboard** | GitHub | 2026

Local MT5 analysis dashboard with SMC indicators, interactive visualization, and causal backtesting.

- Processes 5,000 M15 candles, refreshes every five seconds, and exports charts, reports, and trade lists without look-ahead bias.

**World Cup Log Analytics Platform** | GitHub | 2026

Distributed log analytics platform for reproducible service and batch-data analysis.

- Designed three containerized FastAPI services behind Nginx with request-correlated JSONL logging.

- Validated 100,000 requests through five Hadoop Streaming MapReduce jobs and 13 verified artifacts.

**Tetris Game in C (SDL2)** | GitHub

Complete real-time game built in C with the SDL2 graphics library.

- Implemented rendering, collision detection, keyboard movement, rotation, line clearing, and score tracking.

**Forth Language Interpreter in C** | GitHub

Interpreter for the stack-based Forth programming language, implemented in C.

- Implemented tokenization, stack-based execution, and a core word set while practicing manual memory management.

## EXPERIENCE

**Math Teacher** | Amir-al-Mominen Educational Center, Kabul

Delivered foundational mathematics lessons, tracked student progress, and adapted explanations to individual learning needs.

- Completed a three-month classroom teaching assignment.

**Medical Assistant** | FMIC, Kabul

Maintained computerized patient records, coordinated appointments, and supported daily clinical and administrative handoffs.

- Supported reliable record handling and appointment organization.

## ENGLISH PROFICIENCY

**TOEFL iBT** | Test date: April 22, 2026

**Overall:** 5.5/6 | **Equivalent:** 110/120 | **CEFR:** C1

**Reading:** 5.0/6 | **Listening:** 6.0/6 | **Writing:** 5.5/6 | **Speaking:** 5.5/6

## LANGUAGES

Persian: Fluent | English: CEFR C1 | Pashto: Moderate

## RECOGNITION & INTERESTS

Academic appreciation letters and course certificates. Interests include reading and volleyball.