

# Mahdi Asadov

Java Backend Developer

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Java Backend Developer with hands-on experience in building secure APIs, database-driven systems, and scalable backend services. Strong foundation in Spring Boot, PostgreSQL, and microservice-oriented development.

## Education

### Baku Engineering University

Sep 2022 - Jun 2026

Bachelor of Science in Computer Science

GPA: 89.92

### Div Academy

Sep 2023 - Jun 2024

Diploma Backend

Diploma Grade: I (Highest Distinction)

## Work Experience

### Backend Developer Intern

Sep 2025 - Present

*C4IR Azerbaijan | Baku, Azerbaijan*

As a Java Software Developer Intern at C4IR Azerbaijan, I support backend development by implementing features, fixing issues, and improving system functionality. Focus areas include:

Spring Boot, Spring Security, PostgreSQL, Liquibase, Junit, Docker, Redis, Git, Agile/Scrum

### Backend Developer Intern

Jul 2025 - Sep 2025

*Cybernet LLC | Baku, Azerbaijan*

As a Java Backend Intern at Cybernet LLC, I am gaining hands-on experience through technical training, daily coding tasks, and real project involvement. Focus areas include:

Spring boot, PostgreSQL, Liquibase, MyBatis, Junit, Docker, Apache Kafka, Redis, Git, Jira, Agile/Scrum

### Backend Developer Trainee

May 2025 - Jul 2025

*Andersen Lab | Baku, Azerbaijan*

Trainee in Andersen's intensive Java program, advancing backend skills through theory, coding tasks, and mentorship. Focus areas include:

Spring boot, PostgreSQL, Liquibase, Junit, Docker, Git

## Frontend Developer Intern

Oct 2024 - Dec 2024

*MyMentor Internship and Development Agency | Baku, Azerbaijan*

As a Frontend Developer intern, I contributed to UI development tasks within the MyMentor platform and participated in a team-based agile workflow. Focus areas include:

HTML, CSS, Tailwind, JavaScript, ReactJS, Firebase

## Languages

**Azerbaijani** — Native

**Turkish** — Advanced (C1) / Full Professional Proficiency

**English** — Advanced (C1) / Full Professional Proficiency

## Core Skills

Java SE, JDBC, JPA, MyBatis, PostgreSQL, Liquibase, Redis, RESTful APIs, Spring Framework, Spring Boot, Apache Kafka, Docker, Unit Testing, Git, Postman, HTML, CSS, JavaScript, React, Agile/Scrum

## Projects

Industry4.az Platform

<https://industry4.az/>

A backend system developed as part of the Industry4.az platform, implementing secure authentication, session management, caching, and robust data operations using modern Java technologies.

Technologies: Java SE, Spring Boot, Spring Security, Redis, PostgreSQL

BEU ICT Website

<https://ict.beu.edu.az/>

A web platform developed for the BEU ICT Lab, involving both backend functionality and client-side interface development. Implemented dynamic content, secure data handling, and responsive UI components.

Technologies: Java SE, Spring Boot, PostgreSQL, HTML, CSS, JavaScript

Div Academy Final Project

<https://github.com/MehdiEsedov1/Div-Academy-Final-Project>

A complete backend system built during the Div Academy final phase, involving layered architecture, CRUD operations, and RESTful services.

Technologies: Java SE, Spring Boot, PostgreSQL, Docker

Spring Security Demo

<https://github.com/MehdiEsedov1/Spring-Security>

Demonstrates secure user authentication and role-based authorization using Spring Security in a typical Java backend application.

Technologies: Java SE, Spring Boot, Spring Security

Media Extractor

<https://github.com/MehdiEsedov1/Media-Extractor>

A utility tool that extracts and organizes metadata from image and video files using Java.

Technologies: Java SE, File I/O, Metadata APIs, Docker

## Volunteer

### Project Management

Mar 2025 - May 2025

*Youth Development and Career Center*

Enhanced skills in project planning, event organization, team coordination, time management, SMM, and creating visual/content materials using Canva and Microsoft Office tools.

### Coordinator

Nov 2024 - Feb 2025

*Baku Engineering University ICT Lab*

Coordinated and supervised technical and academic activities by managing workshops, scheduling events, facilitating communication, and ensuring smooth lab operations with strong leadership and teamwork.

### Frontend Instructor

Nov 2024 - Feb 2024

*Baku Engineering University ICT Lab*

Delivered IDDA-sponsored training on HTML, CSS, JavaScript, and React, mentored students on practical tasks, provided code feedback, supported curriculum planning, and strengthened teaching and presentation skills.

### Software Developer

Nov 2024 - Feb 2024

*Baku Engineering University ICT Lab*

Contributed as a Software Developer by collaborating with staff and student teams, using Git for version control, building responsive UIs with HTML, CSS, and JavaScript, and strengthening teamwork and problem-solving skills.

## Certificates

- [Certificate: Development & Internship Academy \(YDCC\)](#)
- [Certificate: Cybernet Backend Development Internship](#)
- [Certificate: BoostCamp 7.0 – Frontend Trainer](#)
- [Certificate: BoostCamp 8.0 – Coordinator](#)
- [Certificate: Java \(Andersen\)](#)
- [Certificate: Scientific Computing with Python \(freeCodeCamp\)](#)
- [Certificate: JavaScript Algorithms and Data Structures \(freeCodeCamp\)](#)
- [Certificate: Frontend Development Internship \(MyMentor\)](#)
- [Acknowledgment: Youth AI Forum Contribution \(YDCC\)](#)
- [Diploma: Backend Development \(Div Academy\)](#)
- [IELTS Academic: Overall Band 7.0 \(CEFR C1\)](#)