

# Murad Isayev

Location: Baku, Azerbaijan

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## SOFTWARE DEVELOPER

I am a computer science senior at **French-Azerbaijani University (UFAZ)** with more than a year of experience in **NodeJS**. I started my journey by developing robust **Restful APIs**. I worked as a **back-end developer** for building our university's LMS and ERP website. Now, my enthusiasm ranges from crafting **full stack** apps, creating **socket-based** web games and chat apps, to writing **smart contracts**.

## TECHNICAL SKILLS

**Languages** : HTML/CSS, Javascript, Typescript, Java, C  
**Technologies** : Nest.js, Express.js, Socket.io, Solidity, React, Tailwind, Docker, CI/CD  
**Databases** : MySQL, Redis, MongoDB  
**ORM** : TypeORM, Prisma  
**API** : REST, GraphQL(Apollo)  
**Dev Tools** : VS Code, Git/GitHub, BitBucket, Postman, LucidChart

## EXPERIENCE

### Back-end Developer

Dec 2022 – Apr 2023

*French-Azerbaijani University (UFAZ)*

- Helped developing a full-stack application for Enterprise Resource Planning and Learning Management System.
- Collaborated with a team under Agile methodology, following 2-week sprints with tasks assigned by Project Manager.
- Built a range of APIs, including an attendance API integrated with a card reader for daily staff attendance tracking, and an API to generate dynamic Excel and PDF files.
- Developed unit tests using Jest.
- Created seeders to populate the database with realistic data, aiding in testing and development.
  - \* **Programming languages:** JavaScript, TypeScript
  - \* **Technologies:** Nest.js, Jest
  - \* **Databases:** MySQL, Redis
  - \* **Tools:** VS Code, Postman, Git, Bitbucket, ClickUp

## PROJECTS

### The Mind Game

*Nest.js, TypeORM, MySQL, Redis, Socket.io, Docker, Git, CI/CD*

[Source Code](#)

- Developed RESTful APIs using Nest.js, following best practices for API design and implementation.
- Used socket.io to create real-time web game with statistics tracking.
- Implemented Docker to containerize the application for easy deployment.
- Set up a CI/CD pipeline to automate the deployment process.
- Collaborated with a team in an Agile, utilizing Trello for task management.

### TeamSeas.org

*Nest.js, Prisma, GraphQL(Apollo), React(ChakraUI), Git*

[Source Code](#)

- Developed back-end using Prisma and GraphQL(Apollo Server) for data manipulation through a GraphQL API.
- Implemented a dynamic donation count feature using GraphQL subscriptions, allowing real-time updates.
- Developed user interface using ChakraUI components, and implemented counting animation with Framer Motion.
- Integrated form validation using Yup, utilized Formik for management of the donation form.

### Web3 Crowdfunding Platform

*Solidity, React(Tailwind), Thirdweb, Metamask*

[Source Code](#)

- Built a Web3 platform for creating, viewing, and donating to campaigns directly through Ethereum's blockchain, leveraging smart contracts for transparency.
- Wrote Solidity code, gaining in-depth insights into Web3, smart contracts, and decentralization.
- Developed React(Tailwind) frontend and Solidity back-end, enabling Web3 interactions.
- Integrated Metamask for secure transactions, allowing Ethereum transfers on the blockchain network.

EDUCATION

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**University of Strasbourg**  
*Bachelor of Science in Computer Science*  
**GPA: 85**

**French-Azerbaijani University**  
*Bachelor of Science in Computer Science*  
**GPA: 85**

Strasbourg, France  
*Oct 2020 – Present*

Baku, Azerbaijan  
*Oct 2020 – Present*

LANGUAGES

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- **Azerbaijani** – Native
  - **English** – Native/Bilingual
  - **Turkish** – Proficiency
- **French** – Intermediate
  - **Russian** – Intermediate

INTERESTS

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Chess | Basketball | Music | Fitness | Swimming | Reading | Geography | Films | Tennis