

Mikaeil Mayeli

Software Engineer

Software Engineer with over 2 years of experience, committed to delivering clean, functional code. Proven ability to collaborate effectively with teams of various sizes. Passionate about continuous learning, mastering new technologies, and improving day-by-day. Driven by the desire to create meaningful products that make a difference



mikaeilmayeli@gmail.com

4388358280

Montréal, Canada

mikaeilmayeli.com

linkedin.com/in/mikaeel-mayeli

twitter.com/mikaeilmayeli

github.com/MikaeelMF

EDUCATION

M.Sc in Software Engineering École de Technologie Supérieure

09/2022 - Present

Montreal, Canada

B.Sc in Computer Science University of Isfahan

09/2016 - 08/2021

Isfahan, Iran

Final Project

- **An introduction to bitcoin and blockchain: A computer science and economic approach (Based on Iran financial crisis)**

WORK EXPERIENCE

Backend Engineer Freelance

01/2023 - 04/2023

Achievements/Tasks

- Developed multiple modules using NestJS, enhancing the functionality and efficiency of the software
- Engineered a robust query system capable of tracking multiple online data sources, significantly improving data accuracy and accessibility
- Maintained and refactored the existing code base, ensuring optimal performance and reducing potential issues
- Devised a comprehensive database system tailored to manage various entities, streamlining data management and retrieval processes

Software Engineer Icarus Team

09/2021 - 03/2022

Isfahan, Iran

Indie game development team

Achievements/Tasks

- Designed and Implemented a semi-multiplayer gameplay mechanism
- Created a P2P system for connecting players
- Balanced the experience based on players' feedbacks
- Wrote documentation for non-technical team members

SKILLS

Typescript

Javascript

Go

Python

NestJS

Jest

Typeorm

Socket.io

PostgreSQL

Neo4j

Git

Docker

Bash

VOLUNTARY CONTRIBUTIONS

Exercism.org (03/2022 - 06/2022)

- Refined exercise narratives, enhancing readability and user comprehension.
- Enhanced test cases to ensure alignment with task descriptions, improving the accuracy of performance evaluations
- Devised a new Concept/Exercise focused on the HTTP library in Go, expanding the learning resources available to users

Instructor of Computer Science Programming
Group(CSPG) - University of Isfahan (09/2016 - 09/2018)

- Served as the instructor for the Computer Science Programming Group (CSPG) at the University of Isfahan
- Assisted undergraduate students in preparing for programming contests, enhancing their competitive readiness
- Fostered the development of algorithmic thinking among students, strengthening their problem-solving skills

CERTIFICATES

Task-oriented Course in Version Control with Git
(05/2022)

Quera College

Advanced Algorithmic Thinking and Data Structures
(02/2022)

Quera College

LANGUAGES

Persian

Native or Bilingual Proficiency

English

Full Professional Proficiency

INTERESTS

Piano

History

Volleyball

Self-Improvement