



Mehrbanoo Ebrahimzade

Software Engineer

✉ mehrbanooebrahimzade@gmail.com **in** m-ebrahimzade

🌐 MehrbanooEbrahimzade 📍 Tehran, Iran

A 21-year-old programmer who develops with C# and Golang programming languages, also Has a good experience in SQL and NoSQL databases.

Enjoys being a helpful team member and prefers teamwork to individual work.

My attention to low-level details and learning new technologies made me go toward Golang.

Solving problems with this technology gives me a sense of power.

PROFESSIONAL EXPERIENCE

Sarafex, *Backend Developer* ✉

2022 – present | Tehran, Iran

Sarafex is a cryptocurrency exchange platform that provides a secure and user friendly environment.

- I collaborate with blockchain (Golang) and .NET programmers. My responsibilities include developing several microservices related to block transactions, where performance plays a crucial role. To achieve this, I utilize tools such as Redis and Dapper and write optimized code.
- Successfully migrated multiple microservices from Golang to .NET, because .NET provides a rich ecosystem with a wide range of libraries for common problems.
- Implemented Quartz for creating jobs with optional configurations and executed projects as Task Parallel Library (TPL).
- Implemented Polly to retrieve transaction information from external data sources, incorporating gap time and retry mechanisms.
- Made all processes dynamic for unstable sources.
- Write unit tests using xunit to test individual pieces of code in isolation.

Makeen Ideal Media, *Backend Developer* ✉

2021 – 2022 | Tehran, Iran

- Raised revenue up to 50% by developing and selling new products.
- Acquired skills in C#, .Net framework, and many software engineering concepts like solid principles.
- Developed web API projects like the Marina Kish product, which I introduced below.
- Refactored previous codebase by removing code duplications.

PROJECTS

MarinaKish Product, *This application makes it easier to buy tickets for Kish entertainment places.*

Includes 3 parts: Management panel, Sellers panel, and Website

I was the leader of a team of 6 people in this project and earned good experiences, including:

- Scrum Methodology and using task manager applications.
- Created a job that, every 24 hours, expires ticket file transactions with Fluent Scheduler.
- JWT for Authentication and Authorization.
- Implemented SMS sending service.
- Created a file manager with a limited size and supports five types of popular file formats.
- Onion Architecture Pattern and Repository Pattern.
- Unit Of Work for solving transaction problem.
- Exporting PDF & Excel to display tickets and make it 60% easier to get a sales rate report.

SKILLS

- | | | | |
|---------------|-------------------|----------|-----------|
| • Golang | • C# | • SQL | • MongoDB |
| • Redis | • .Net | • Docker | • gRPC |
| • Rest API | • Microservice | • Git | • EF Core |
| • Masstransit | • RabbitMq | • Polly | • Quartz |
| • xUnit | • Design patterns | • Agile | • SignalR |

LANGUAGES

- | | |
|-----------|-----------|
| • Persian | • English |
|-----------|-----------|

EDUCATION

Computer Engineering, *Islamic Azad University*

Tehran, Iran