

Mazdak Parnian

Software Engineer, .NET & GO

mazdak.parniandg@gmail.com

mazdakparnian.com



ABOUT ME

Experienced Software Engineer using .NET and GO. Passionate about building high-performance, scalable & reliable applications. Skilled in system design, API development, and system integration, with a strong focus on optimization and clean code. Adaptable team player, always learning and innovating to deliver quality solutions. I write and maintain a tech blog focusing on software development topics and things I think are worth talking about on my website. I play the guitar professionally, do photography, and spend my time pursuing art and technology.

EXPERIENCE

Barid Management Solution Development (BMSD)

.NET Developer & Microsoft Dynamics CRM Solution Architect

JUNE 2023 - PRESENT

- Delivered solutions for major companies in Iran such as *Digikala*, *Mobinnet*, and *Hamrahe Aval*, contributing to large-scale digital transformation projects, using tools like RabbitMQ to handle messages from the customer and integrate it into Ms Dynamics 365 CRM.
- Successfully improved performance of a data-intensive SMS handling system integrated with the CRM as a hosted service, used in one of the key products in the company which affects **90%** of the company's customers, by 10x. Reducing processing time from 10 minutes to 1 minute by refactoring database queries and fixing concurrency implementation issues.
- Designed, developed, and optimized high-performance REST APIs & Hosted Services. Extended, customized & designed Microsoft Dynamics 365 CRM solutions, including plugin development, integration with other systems.
- Actively participated in the company's education and innovation programs, introducing new technologies to drive product excellence and future-proof development processes.

SKILLS

Languages & Frameworks

.NET, Entity Framework Core

GO, Fiber, GORM

Vue.js, Angular, Tailwind

Database & Tools

SQL & NoSQL Databases:

MSSQL Server, Postgres, MongoDB, Redis

Message Queues:

RabbitMQ, MassTransit, Kafka

Gateways: Traefik, Ocelot

Infrastructure: Docker,

Docker Compose

Testing Tools

Writing Unit and

Integration tests using:

XUnit, NSubstitute or Moq,

FLuentAssertions,

WireMock, TestContainers

Architectures & Patterns

Clean Architecture, CQRS,

Microservices, Domain

Driven Design

CERTIFICATES

Comptia Network+ - 2022

Software Engineering

Principles - 2023

MSSQL, Designing Databases and Writing Efficient Queries - 2024

Freelance (part-time)

Golang & .NET Developer

JAN 2024 - Present

- Developing web services using Microservices and Modular Monoliths architectures for businesses around the world using both Golang (Fiber, Gorm) and .NET
- Designing high traffic systems, built for high load
- Setting up the infrastructure for the projects I develop using Docker and Gateways like Traefik and Ocelot

Arvand Guarantee

Node.js Developer

AUGUST 2022 - FEB 2023

- Development of a user management system, adding features, business rules and customizing it.
- Maintaining Servers and databases to deliver performance.

PROJECTS

FastCrud

Fast and flexible CRUD API generator for .NET: minimal API + EF Core with DTOs, FluentValidation, paging, filtering, sorting and auto-Swagger.

I actively develop and contribute to FastCrud, starting with writing tests for the project to allow safe development and keeping everything standard.

[Link to the repository](#)

EDUCATION

IAU Tehran South Branch - Bachelors

2020 - 2025

HOBBIES

Blogging

Composing and Playing Music

Playing and Practicing Guitar

Photography