








# MOHAMMAD MAHDI NAZARI

SOFTWARE ENGINEER

I'm a passionate and Self-taught software engineer with 6+ years of experience in designing and developing software in various platforms. I'm currently focusing on Software Architecture, .Net WebAPIs, Angular And Machine Learning. My goal is to design premium software with high performance, maintainability and clean codebase.

## CONTACT INFO

-  Tehran, Iran
-  [ipdotsetaf.ir](http://ipdotsetaf.ir)
-  +98 938 701 6860
-  [ipdotsetaf.work@gmail.com](mailto:ipdotsetaf.work@gmail.com)
-  [linkedin.com/in/ipaf](https://www.linkedin.com/in/ipaf)
-  [github.com/IPdotSetAF](https://github.com/IPdotSetAF)
-  [stackoverflow.com/users/8931133](https://stackoverflow.com/users/8931133)

## EDUCATION

- Master's of Information Technology**

*University of Tehran - IT - Artificial Intelligence*

2022/09 - Present

  - Implementing state of the art [GA](#), RL and [ID3](#) algorithms to solve various problems.
  - Implementing a [3D Soccer Simulation](#) using Deep-RL in a 2x2 Multi-agent system.
- Bachelor's of Computer Engineering**

*West Tehran Islamic Azad University - Software Engineering*

2017/09 - 2021/05

Grade : 17.8

  - [EasyParvaz](#)
  - [MapMe](#)



## SOFT SKILLS

- Team Work and Communication
- Self-Learning
- Problem Solving
- Time and Project management
- Leading small teams
- Educating team members

## PRIMARY SKILLS

- C# .NET ASP.Net Core
- Entity Framework Dapper
- Rest API IIS N NGINX
- Docker CICD Git
- Software Architectures
- Micro Services Design Patterns
- CQRS SOLID DDD TDD
- Airflow MSSQL Server
- SQLite Mongo DB
- PostgreSQL MySQL
- Elastic Search Redis
- Angular HTML CSS
- JS TS

## SECONDARY SKILLS

- TFS Unity Python
- C++ QT WPF MAUI
- MVVM Java
- Android Studio

## LANGUAGES

- Persian  
*Native or bilingual proficiency*
- English  
*Native or bilingual proficiency*

## WORK EXPERIENCE

### Karsazan Faradadeh Iranian (CADA)

2023/06 - Present

- **Software Architect:**
  - **CADA Produce:** Design, Architecting and Development of state-of-the-art Supply Chain Management (SCM) platform.(Backend and Frontend)
  - Leadership, design and development of an advanced angular control library which improved development speed and experience by 40%~60% and user experience through visual consistency.
  - **CADA Directory:** Architecting and development of advanced Goods Search Engine.(Backend) Development of Services for data transformation and seeding into the search engine.
  - Discover and Debugging major memory leaks in legacy solutions which was resulting in Deployment crash under load.
  - Refactoring and resolving major architectural bugs in legacy solutions.
- **Gitlab Admin:**
  - Migrating VCS from TFS to Gitlab, Developing Automatic Backup services and Maintaining the server and repositories.
  - Performing code reviews, merging pull requests and deployments of various solutions.
- **Software Engineer:**
  - Maintenance & Development of legacy solutions: CADA Standard, CADA Supply, CADA CID Admin(Goods Identification Administrative platform), [National Goods Identification Platform \(Backend\)](#).

### Dez Novin Sanaat (DNS)

2021/11 - 2023/01

- **Software Engineer**
  - **AppStore Solution:** Design and Development of an android appstore solution including: Android client, Administrative dashboard(CMS) and WebAPI. Advanced Localization system integration.
  - **Tractor and GIS Simulator:** Design and Development of a Tractor simulator and GIS location emulation for electrical equipment testing and showcasing. Accurate Physics simulations. Serial Communications.

## PERSONAL PROJECTS

Dokploy -  [github.com/Dokploy/dokploy](https://github.com/Dokploy/dokploy)

2025/5 - 2025/5

- Contribution To OpenSource Project.
- Added Git LFS support to Dokploy Docker image.

Git

LFS

Docker

TgBotPlay.WebAPI -  [github.com/IPdotSetAF/TgBotPlay.WebAPI](https://github.com/IPdotSetAF/TgBotPlay.WebAPI)

2025/4 - Present

- A NuGet package for bootstrapping Telegram bot on MVC WebAPI.

C#

.NET8

NuGet

RestApi

CICD

EShopMicroServices -  [github.com/IPdotSetAF/EShopMicroservices](https://github.com/IPdotSetAF/EShopMicroservices)

2024/12 - 2025/2

- A Simple MicroService starter project.

C#

Docker

Micro Service

MSSQL

.NET8

SQLite

RabbitMQ

PostgreSQL

Redis

DDD

Clean Architecture

Vertical Slice Architecture

## TuneRipperBot

2024/11 - 2025/4

- A Telegram bot for searching and downloading spotify music.

CICD

Docker

C#

.NET8

MSSQL Server

SQLite

Clean Architecture

CodeChef -  [github.com/IPdotSetAF/CodeChef](https://github.com/IPdotSetAF/CodeChef)

2024/10 - 2024/12

- A Developer Utility website.
- Code generators, Converters and MSSQL scaffolders.

CICD

Docker

Python

Angular

SSG

## Portfolio

2024/9 - Present

- Personal Portfolio website with Completely Dynamic content, Localization, Blogging, Projects, Resume Generator and SEO.

CICD

Docker

Angular

SSR

## ODINID

2024/5 - Present

- A Central Identity provider that supports multiple authentication protocols and standards.
- MFA, Mailing, SMS and TOTP support.

C#

Docker

MSSQL

.NET8

Blazor

Angular

NeoMatrix -  [github.com/IPdotSetAF/NeoMatrix](https://github.com/IPdotSetAF/NeoMatrix)

2024/3 - Present

- The Most Advanced Matrix wallpaper.
- A web based wallpaper that also runs on WallpaperEngine and Sucrose.

JS

DNTCaptcha.Core -  [github.com/VahidN/DNTCaptcha.Core](https://github.com/VahidN/DNTCaptcha.Core)

2024/3 - 2025/1

- Contribution To OpenSource Project.
- Implemented Route and controller customization.
- Implemented Ratelimiter error customization.

C#

.NET

OpenAPI

NuGet

FrostyBulkExporter -  [github.com/IPdotSetAF/FrostyBulkExporter](https://github.com/IPdotSetAF/FrostyBulkExporter)

2024/3 - 2024/5

- Contribution To OpenSource Project.
- Design and Implementation of a plugin for bulk exporting and ripping of EA game assets.
- Exporting Meshes, Skinned Meshes, Textures and Audio files.

C#

.NET Framework

WPF

## ESPAsyncHTTPUpdateServer - [github.com/IPdotSetAF/ESPAsyncHTTPUpdateServer](https://github.com/IPdotSetAF/ESPAsyncHTTPUpdateServer)

2024/2 - Present

- Maintaining open-source arduino library.
- A webpage and api for OTA Program/FileSystem updates on micro controllers.

C++ ESP Arduino PlatformIO C/C++

## EZButton - [github.com/IPdotSetAF/EZButton](https://github.com/IPdotSetAF/EZButton)

2023/7 - Present

- Maintaining OpenSource Arduino Library.
- Signal processing and event handling.
- Converts raw button/touch events to various simplified Events.

C++ Arduino PlatformIO C/C++

## 3D Soccer Sim

2022/12 - 2023/4

- Designing a 3D Soccer simulator in a 2\*2 multi-agent system.
- Training 2 Deep-Reinforcement agents for playing soccer.

C# Unity Machine Learning Deep Learning Reinforcement Learning

## Project Enzyme

2022/7 - Present

- A multi-platform cloud based TODO list and project management application.

C# .NET MAUI .NET6 RestAPI OpenAPI MSSQL Server Onion Architecture

## GDSC Services

2022/3 - 2022/4

- A Modern Terminal Emulator made to assist you in using google drive and google sheets.

C# WPF .NET Framework Google Drive API Google Sheets API

## 2048 Game

2021/10 - 2021/10

- A Remake of 2048 game for desktop devices.

C++ QT

## MapMe

2021/4 - 2021/5

- A native Android GIS software that lets you make a map using GPS locations and perform calculations on them.

Java Android Google Maps API GPX Serialization

## Refhold

2021/4 - Present

- A windows software designed to assist digital artists.

C# .NET Framework WPF

# Easy Parvaz

2020/8 - 2021/1

- Designing an Airline system to store and manage information of customers, flights, airplanes, and tickets.
- Ticket Reservation and printing.

C#

.NET Framework

MSSQL

Dapper

WinForm