MOHAMMAD MAHDI NAZARI
SENIOR SOFTWARE ENGINEER

I'm a software engineer with **+5 years** of hands-on experience building reliable, high-performance systems across platforms.

My current focus is on **Software Architecture**, **.NET BackEnd**, Angular, and applying machine learning in real-world applications.

I care deeply about clean, maintainable code and take pride in designing systems that scale well and stay robust over time.

CONTACT INFO

✉ ipdotsetaf.work@gmail.com

📞 +98 938 701 6860

🌐 ipdotsetaf.ir

github.com/IPdotSetAF

EDUCATION

Master's of Information Technology

University of Tehran - IT - Artificial Inteligence

2022/09 - Present

Grade : 17.9

- 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

📍 Location: **Tehran, Iran**

🎂 Birth: **1999**

SOFT SKILLS

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

PRIMARY SKILLS

C# · .NET Core · Entity Framework · Dapper · Rest API · IIS · 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 · RabbitMQ

SECONDARY SKILLS

TFS · Angular · Unity · Python · Go · C++ · WPF · Java

LANGUAGES

- Persian
  Native proficiency
- English
  Bilingual proficiency

WORK EXPERIENCE

Karsazan Faradadeh Iranian (CADA)

2023/06 - Present

- Senior Software Engineer:
  - **Architecting** and development of various **.NET Backend** solutions.
  - CADA Produce: **Led design and development** of state-of-the-art **Supply Chain Management** platform.
  - **Led design and development** of a robust **Angular control library** which improved development **speed by 40%~60%** and improved **user expreience** through visual consistency.
  - CADA Directory: **Led design and development** of advanced **Goods Search Engine**.
  - Development of various **ETL services**, Implementing over **140 times faster** ETL services.
  - Discover and Debuging major **memory leaks** in legacy solutions.
  - **Refactoring** and addressing structural flaws in legacy applications.
  - **Gitlab Admin**: Migrating SCM from TFS to **Gitlab**, Implementing Automatic **Backup service**. Performing **code reviews**, merging pull requests and **deployments** of various solutions.
  - Maintenance & Development of legacy solutions: **CADA Standard**, CADA Supply, CADA CID Admin, [National Goods Identification Platform (Backend)](#).

Dez Novin Sanaat

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 Commiunications.

PERSONAL PROJECTS

URL Shortener - 🡕 Project-Page

2025/7 - 2025/7

- A Fast, Simple, and flexible URL Shortner.
- Made for Benchmarking purpose.
- Supports multiple databases and optional in-memory caching.

`C#` `Docker` `RestApi` `Entity Framework Core` `.NET 9` `SQLite` `Postgresql` `MongoDB` `Redis` `Caching` `Vertical Slice Architecture` `Load test` `Scalar`

Dokploy - 🡕 Project-Page - ⬡ Github

2025/5 - 2025/5

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

`Git` `LFS` `Docker`

TgBotPlay.WebAPI - 🡕 Project-Page - ⬡ Github

2025/4 - Present

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

`C#` `.NET8` `NuGet` `RestApi` `CICD`

EShopMicroServices - 🔗 Project-Page - ⊙ Github

2024/12 - 2025/2

- A MicroService starter project.

`C#` `Docker` `Micro Service` `MSSQL` `.NET8` `SQLite` `RabbitMQ` `PostgreSQL` `Redis` `DDD` `Clean Architecture`
`Vertical Slice Architecture`

TuneRipperBot - 🔗 Project-Page

2024/11 - 2025/4

- A Telegram bot for searching and downloading spotify music.

`CICD` `Docker` `C#` `.NET8` `MSSQL Server` `SQLite` `Clean Architecture`

CodeChef - 🔗 Project-Page - ⊙ Github

2024/10 - 2024/12

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

`CICD` `Docker` `Python` `Angular` `SSG`

0DINID - 🔗 Project-Page

2024/5 - Present

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

`C#` `Docker` `MSSQL` `.NET8` `Blazor` `Angular`

DNTCaptcha.Core - 🔗 Project-Page - ⊙ Github

2024/3 - 2025/1

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

`C#` `.NET` `OpenAPI` `NuGet`

ESPAsyncHTTPUpdateServer - 🔗 Project-Page - ⊙ Github

2024/2 - Present

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

`C++` `RestAPI` `ESP` `Arduino` `PlatformIO` `CICD`

Project Enzyme - 🔗 Project-Page

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 - 🔗 Project-Page

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`

Easy Parvaz - ⬈ Project-Page

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`