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

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in linkedin.com/in/ipaf

github.com/IPdotSetAF



stackoverflow.com/users/8931133

EDUCATION

Master's of Information Technology

University of Tehran - IT - Artificial Inteligence 2022/09 - Present

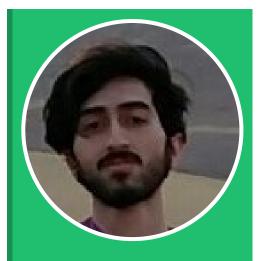
- Implementing state of the art <u>GA</u>, RL and <u>ID3</u> algorithms to solve various problems.
- Implementing a <u>3D Soccer Simulation</u> using Deep-RL in a 2x2 Multi-agent system.

Bachelor's of Computer Engineering

West Tehran Islamic Azad University - Software Engineering 2017/09 - 2021/05

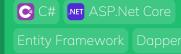
Grade: 17.8

- EasyParvaz
- MapMe



SOFT SKILLS

PRIMARY SKILLS



Rest API IIS N NGINX

◆ Docker CICD ♦ Git

Airflow MSSQL Server

SQLite Mongo DB

PostgreSQL MySQL

🚱 Elastic Search 🥮 Redis

JS JS TS

SECONDARY SKILLS



MVVM 👙 Java

Android Studio

LANGUAGES

Persian

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 expreience 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 Debuging 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), <u>National Goods Identification Platform</u> (<u>Backend</u>).

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 Commiunications.

PERSONAL PROJECTS

 ${\sf Dokploy} \textbf{ - } \textbf{ Q} \textbf{ github.com/Dokploy/dokploy}$

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

2025/4 - Present

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

C# .NET8 NuGet RestApi CICD

EShopMicroServices - github.com/IPdotSetAF/EShopMicroservices 2024/12 - 2025/2 • A Simple MicroService starter project. C# Docker Micro Service MSSQL NET8 SQLite RabitMQ 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

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 Idntity 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

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

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

2024/3 - 2024/5

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

C# .NET Framework WPF

ESPAsyncHTTPUpdateServer - github.com/lPdotSetAF/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 CICD EZButton - github.com/lPdotSetAF/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 CICD 3D Soccer Sim 2022/12 - 2023/4 • Designing a 3D Soccer simulator in a 2*2 multi-agent system.

Training 2 Deep-Reinforcment agents for playing soccer.

C# Unity Machine Learning Deep Learning Reinforcment Learning

Project Enzyme

2022/7 - Present

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



GDSC Services

2022/3 - 2022/4

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



2048 Game

2021/10 - 2021/10

• A Remake of 2048 game for desktop devices.



МарМе

2021/4 - 2021/5

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



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