

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

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 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#

 Unity

 Python

Machine Learning


Deep Learning

Reinforcement Learning


 LaTeX


SECONDARY SKILLS


Rest API


 Git


Design Patterns


 MSSQL Server


 SQLite


 Mongo DB


 PostgreSQL


 MySQL


 Elastic Search


 Redis


 RabbitMQ


 Angular


 HTML


 CSS

 JS

 TS

 C++

 QT

 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 experience 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 Debugging 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 \(Backend\)](#).

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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

Portfolio - [Project-Page](#)

2024/9 - Present

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

CICD

Docker

Angular

SSR

3D Soccer Sim - [Project-Page](#)

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

MapMe - [Project-Page](#)

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

- 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