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Amir Hosein Mardani

- Full-Stack software developer
- Development leadership Intern.

Introduction

As an experienced full-stack developer, I'm dedicated to building precise effective solutions. I take a careful approach to every detail, always looking for ways to improve and grow. I see challenges as chances to learn, and I'm ready to face them. My ultimate goal is to be known for creating impactful solutions to complex problems with skills and creativity.

With every project, I aimed to be someone who's known for building strong, lasting solutions that make a difference. I work hard to understand the needs of each project and bring my best ideas to the table. I focus on using both creativity and skill to solve problems in ways that will have a real, positive impact.

Employment History



Rayvarz

computer engineering company

11 mos - Full Time
Software developer expert

Rayvarz, an Iranian software engineering company established in 1368 Hijri khorshidi, works in various domains from Share management to financial systems. They focused on building their new generation of their applications, the fourth ones, on Angular. During my tenure, I began as a front-end developer on the Share app, later shifting to work with Rayvarz's exclusive framework. It was a dynamic experience, dealing with the evolution of software challenges; Not only keeping existing quality of experience for users but also raising it. Without confusing users with new scenarios, offer'em better experience.



Wira system pouya IT solutions

1 yrs and 4 mos - Full Time
Software developer expert

During that one year and a quarter at Wira System Pouya, my job was to maintain the main application, WiraPos. This .NET-based product served as the base of our mission to provide complete tool to manage e-commerce manner. At Wira System, we're committed to simplifying store and warehouse management, improve order processing, and enhancing payment procedures. Through integrations with platforms such as Digikala, Snapp, and 780, we offer advanced e-commerce services. We call our service, WiraPos, the center of our services, serving as a Point of Sale (P.O.S.) system, a warehouse management solution, and an accounting tool.



2 yrs and 6 mos - Self Employed
Team Leader & Software Developer Expert

Chaotic games studio is the place where we mix art with code to create joyful moment for our lovely users, called gamers! With precision, passion and smartness, we move forward to face and defeat various of challenges like unity render method and threads, network issues, AR configure, machine learning and deep learning logics to present fun and pleasant moments for gamers!

Beautiful as art, Powerful as code, Exciting as an adventure, it is the best a computer engineer can build: THE GAME!

Technical Skills

Angular - React - RxJS - TypeScript - Angular-Material - NodeJS - JavaScript - Sass - Bootstrap - JQuery - HTML - .NET - VB.NET - ASP.NET - WebApi - WebSocket - WindowsForm apps - ADO.NET - Dapper - Linq - SQL server - Docker - GIT - Agile Methodology - Design patterns - Microservice - Unity engine - Adobe photoshop - Figma - Rust



Professional Projects



based on: Angular - React - Rust - .NET

[ILECY](#) is a life-long project. It defines a brand showcasing Amir and his teammate's best effort to present powerful and thoughtful solutions. From a simple column of a database table, to every pixel of a designed photo, [ILECY](#) brings new challenges to help grow both solutions and solution-finders! Seeking new technologies, platforms, frameworks, packages, libraries, languages and applications, [ILECY](#)'s teams try their best to finally release their complex product with most performance they could.



based on: Rust

This is our first attempt to enter Rust programming language world. As one of the fastest programming language which is challenging C, we were curious about its mechanism. How this language works? How this language deals with challenges and why everyone say "It's fast"!

We decided to face real challenges of creating a complete project out of Rust as the back-end platform to answer our questions! And if everything goes well, we will have a potent and nimble app, just like Lynx!



based on: Angular - React

My ambition to create a cross-platform UI kit

This is ILEYC's passion to bring both discipline and beauty into websites and applications. A complete cross-platform UI kit harmonically draw your application and make it beautifully done with fast and simple methods.

The project is defined and started but it is at least in 10% of her way! The ultimate goal is to provide our service to all front-end frameworks and libraries. The beginning phase will be covering Angular, React and Vue.



Bachelor's final project

based on: Angular - .NET

"My + Book" called Mook was a project to replace existing Tabriz university's library management app. It was my final project of bachelor degree.

A simple admin panel to manage borrowing system, with client app to provide online reserve, book recommendations, comments and similar services, this project was meant to simplify finding book in university for its students.



My first attempt to create a shop

based on: Angular - .NET

Fave came from "Food + Save"; somehow! And as my first attempt to program a complete front-end project, this was really my fave!

The idea was to find right person for right food type with right amount and good price to save both cooked food and raw material from being waste. The final resort was to save materials which is taking their last breath before they seriously die!



SEMAJA

Joint Staff of the Iran Army

based on: Angular - NestJS

You might see this awkward. "2 years of duty is nothing but waste of time" You might say. But quite the opposite, I am experiencing new challenges by facing issues in NestJS. I wasn't familiar with NestJS but i do worked with JS so far. So i oblige myself to learn ExpressJS and then NestJS. It's kinda lovely that i am able to work in a back-end team with my beloved programming language, JS!

Our team focuses on creating a new solution to manage several manners; Such as personnel, duty, payroll, and etc all across the Iran Army.

Education

Primary:

Tabriz university

2018 - 2022

Bachelor degree of computer engineering

Secondary:

Rust programming lang	No starch press	2024, Oct
Refactoring UI	Tailwind	2024, May
NodeJS, Express	O'Reilly	2024, Feb
TypeScript	O'Reilly	2023, Oct
RxJS	Official docs	2023, Mar
Agile	Google Inc	2022, Oct
Microservice	IBM skills	2022, Aug
Html, Css, JS	Hopkins University	2022, Aug
Sass	Official docs	2022, Apr
Angular	YouTube	2021, Dec
JavaScript	Roocket	2021, Nov
T-SQL programming	Faratar az danesh	2021, Jul
SQL Server Querying	Faratar az danesh	2021, Apr
C# programming	Toplearn	2021, Apr
SQL Server Design	Faratar az danesh	2021, Jan
Network +	Maktabkhoone	2020, Nov
PHP fundamentals	Roocket	2020, Apr
Bootstrap	Official docs	2019, Oct
WebDesign	Tehran University	2019, Jul