
Objective:

My focus is on delivering functional, reliable, and clean code bases and have experience delivering high performance and scalable software. My prior working experiences involved communicating with teams in various sizes. I am eager to improve, learn new technologies, and advance my knowledge on a daily basis, and make meaningful products that can help people in their life.

Work Experience:

Jan 2023 - Apr 2023

Developing a monitoring service for blockchain analysis

I developed a series of back-end services to monitor and analyze Ethereum blockchain contracts to make sure of the safety of the assets and the flow of funds for protecting users.

My role involved:

- Designing and developing backend services using Nestjs and Typeorm
- Writing suitable tests using Jest
- Using Ethers to retrieve blockchain information
- Using PostgreSQL to handle data

Sept 2021 - Mar 2022

Developing a P2P software for a novel gameplay solution

I helped a team of game developers create a novel semi-multiplayer gameplay system that allows them to affect each other's worlds in a P2P manner.

My role involved

- Connect players with websockets using socket.io and Javascript
 - Make sure the game is balanced and implement circuit breakers in case of failure
 - Test the solution
 - Write documentation
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Voluntary contributions:

Mar 2022 - May 2022

Contributing to Exercism

I contributed to the Go language track in Exercism.org website by improving and developing problems.

Sep 2016 - Sep 2018

Instructor of Computer Science Programming Group(CSPG)

I was the instructor of CSPG in the university of Isfahan, and helped undergraduate students to prepare for programming contests, and improve their algorithmic thinking.

Education:

Sep 2022 - Now

Master's (Thesis) in Software Engineering

École de Technologie Supérieure

Sep 2016 - Aug 2021

B.Sc. in Computer Science

University of Isfahan

Final Project: An introduction to bitcoin and blockchain: A computer science and economic approach (Based on Iran financial crisis)

Skills:

Technical Skills

Programming Languages

Typescript, Javascript, Go, Python

Frameworks/Libraries

Nestjs, Typeorm, Jest, Ethers, Socket.io

Databases

PostgreSQL

Tools

Git, Github, Docker, Bash

Soft Skills

Communication

From working with teammates with different degrees of proficiency in software development, I've learned to explain technical concepts in an understandable manner, and solve challenges that might arise to keep the team productive and well-coordinated

Adaptability

I have experienced working with teams from different backgrounds. From undergraduate students, to game developers, and blockchain companies, this allowed me to understand how to adapt to new environments and find my way through to make a positive impact on the team I was working with

Problem-Solving

My studies in computer science and mathematics played a critical role in the way I approach problems. These fields have equipped me with an analytical mindset and logical reasoning to break down problems and implement suitable solutions

Certificates:

May 2022

Task-oriented Course in Version Control with Git

Quera College

Feb 2022

Advanced Algorithmic Thinking and Data Structures

Quera College

Aug 2020

Pandas

Kaggle