

Ali Kheirkhah

Software Engineer

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Personal Profile

As a passionate software engineer and computer science student, I thrive on challenges and continually seek opportunities to expand my knowledge. My goal is to contribute innovative solutions in the field of software development, with a keen interest in emerging technologies like robotics and Next.js.

Currently working on a side project called Lancy alongside my studies to help make accepting payments easy for small businesses and community managers.

Skills

Communication | Problem-Solving | Time Management | Adaptability | Critical Thinking | Teamwork | Initiative

English, Farsi – All professional proficiency or above

TypeScript | JavaScript | Nextjs | Node | Express | PostgreSQL | React | React Native | Git | MongoDB | C# | C++ | C | Swift | SpriteKit | Cloud Computing | Microservices | Distributed Systems | Frontend | Backend | Full-Stack

Experience

Software engineer | Next.js | 2021–currently

- Have been working on my self education alongside higher education to grow my knowledge and develop backend and frontend applications using different frameworks

Backend engineer | TradeEF | 2019–2022

- Python flask backend engineer for a project that needed Rest API's to monitor different changes in the cryptocurrency market
- Worked with various API's from different crypto exchanges such as Binance, Coinex and Houbi to fetch live data

React Native developer | Vibe Essentials | 2019–2020

- Developed a responsive cross platform React-Native app based on the design that client provided.
- Designed and developed a backend system using Node.js and Express.js alongside with a noSQL MongoDB database
- Managed to have great communication skills with the employer and deliver great results as per the request of the client

Software engineer | C,C++,C# | 2016–2018

- Worked as part of a team to deliver great results as a team for international robotics rescue mission competitions
- Designed different windows form applications using C# to make it easier for the team to design and develop different scenarios for the competition based on the situation provided.

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Education

- City, University of London | Computer science(STEM) - Artificial Intelligence | 2023 - Onwards
- Gap year | 2022 - 2023
- Brunel university London | Computer Science | 2021 - 2022
- The Manchester College | 2019 - 2021
- Salam Iran Zamin High School | 2018 - 2019
- Allameh Tabatabaei High school | 2015 - 2018

Awards

Robocup | 2016-2018

- Best presentation and technical analysis of a rescue robot that year - RoboCup Germany Leipzig
- Participation award and 3rd place in a university league while in highschool - RoboCup Japan Nagoya
- Participation award and 3rd place in Cospace league - RoboCup Asia pacific Iran Kish

Apple WWDC 18 | 2018

- Achieved great results and received a scholarship from Apple to attend WWDC18 - USA California San Jose