

Mohammad Mohammadi

Senior Software Engineer

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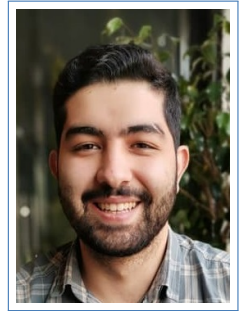
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Global Talent Visa Holder



Experience

- Nov2022 **Associate Software Development Engineer**, Amadeus, London, UK
- May2024 Amadeus is a leading technology provider in the global travel industry, delivering cutting-edge solutions, technology, and services to a wide array of travel providers, including airlines, hotels, and travel agencies. Contributions:
- Played an integral role in the core team that facilitated the migration of services from legacy systems to RESTful APIs.
 - Developed custom features for Southwest Airlines using C/C++
 - Successfully consolidated two highly coupled repositories, reducing pull requests by 30% and significantly enhancing our team's overall efficiency.
 - Authored and executed regression tests using Python, ensuring the stability and reliability of our codebase.
 - Mentored and onboarded new team members, sharing knowledge and best practices to enhance team performance.
 - Proposed and implemented a "no meeting" policy for software engineers, which received strong support from management and team members, resulting in a marked increase in productivity.
- May2021 **Full Stack Engineer & Co-Founder**, Zumud, Tallinn, Estonia
- Nov2022 Zumud was envisioned as a platform to redefine talent investment as an asset class, enabling investors to receive a fixed percentage of future income from talent over a specified term. Key achievements:
- Successfully developed a Minimum Viable Product (MVP) that allowed investors to browse candidates and make investments.
 - Automated key business processes, including transaction handling and reporting, using Python scripts and third-party APIs.
 - Designed and implemented cloud-based solutions for efficient data storage and retrieval.
- Due to regulatory changes in the European Union, we ultimately decided not to continue pursuing this idea.

- Jan2018 **Full Stack Engineer & Founding Partner**, *ParadiseHub Coworking Space*, Tehran, Iran
- Apr2021 ParadiseHub stands as Iran's leading and largest co-working space and digital technology learning academy with 10 branches strategically located across the country. Responsibilities:
- Designed and implemented a scalable backend system for a web-based platform similar to Airbnb for booking co-working spaces.
 - Managed a development team, emphasising code quality and scalability in web application development.
 - Implemented cloud solutions to support the platform's growing user base and data needs.
- Nov2016 **Back-end Developer & Early Employee**, *Torob.com*, Tehran, Iran
- Nov2017 Torob is the dominant price comparison search engine in Iran. Key achievements:
- Developed and optimised backend systems using Django and Django REST Framework, that is working with more than 5 million visits per month and more than 20 million products.
 - Built and maintained RESTful APIs that powered the core features of the price comparison engine.
 - Worked with Django ORM to read from Redis database as in-memory database that used as a cache
 - Implemented and maintained a content delivery network (CDN) to improve platform performance.
 - Worked on automated systems for data extraction and processing using Scrapy framework.

Education

- 2013–2019 **Bachelor's Degree in Computer Engineering**, *Sharif University of Technology*, Tehran, Iran
- Graduated top of my class from the leading IT Engineering program in Iran.

Computer Skills

- Programming Languages Python, C, C++, Java, SQL
- Frameworks & APIs Django, Django REST Framework, FastAPI, Flask, RESTful APIs
- DevOps & Tools AWS, Docker, Jenkins, Git, Confluence, Jira, Bitbucket
- Testing Frameworks PyTest, UnitTest, Automated Testing with Python
- Backend PostgreSQL, MySQL, MongoDB, Redis

Certifications

2023 Certified SAFe® Practitioner

Honors & Awards

- Dec 2023 **UK Global Talent Visa as a Recognised Leader in Digital Technology (Exceptional Talent)**, *TechNation*, London, UK
- Sep 2019 **1st rank among B.Sc students of IT Engineering**, *Sharif University of Technology*, Tehran, Iran
Achieved the highest GPA among my peers.