Mohammad Mohammadi

Senior Software Engineer

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Global Talent Visa Holder

Experience

Nov2022 – May2024 **Associate Software Development Engineer**, *Amadeus*, London, UK

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 – Nov2022 **Full Stack Engineer & Co-Founder**, *Zumud*, Tallinn, Estonia

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 Apr2021 **Full Stack Engineer & Founding Partner**, *ParadiseHub Coworking Space*, Tehran, Iran

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 Nov2017 **Back-end Developer & Early Employee**, *Torob.com*, Tehran, Iran

Torob is the dominant price comparison search engine in Iran. Key acheivments:

- 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.