Meisam Taghizadeh

Software Engineer

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PROFILE

AI PhD student and seasoned software engineer with 5+ years of experience spanning startups to established companies. Demonstrates expertise in back-end development, routing systems, monitoring/alerting platforms, and AI applications, particularly in high-traffic environments. Proven track record of technical leadership and scaling applications from early-stage to production. Successfully led development teams while providing strategic consulting services, showcasing strong project management and architectural design capabilities.

SKILLS

- Proficient in Python and Java programming
- Experienced in web development frameworks
- Skilled in relational, nonrelational and memory-based DBs
- Expertise in system design and architecture planning
- Knowledgeable in DevOps practices, CI/CD pipelines, and Kubernetes
- Proficient in system monitoring, alerting, and logging (e.g. VictoriaMetrics / VMAlert)
- Experienced in working with message brokers
- Strong foundation in data structures & algorithms

EXPERIENCE

Tech Lead & Software Engineer

September 2024 - Present

Digikala, Tehran

As a Tech Lead and Software Engineer at Digikala, I own Allsafe end-to-end — currently Digikala's primary monitoring and alerting platform. I work across the application and its infrastructure (Kubernetes, VictoriaMetrics / VMAlert), operating in a cloud-engineering capacity alongside software development. I also built smaller internal tools such as a billing calculator for Digikala ventures' service usage, contributed to middleware, and lead a team of engineers.

Backend Developer

March 2022 - September 2024

Neshan, Mashhad (Remote)

As a Backend Developer at Neshan, I contributed to the Routing and Traffic team by developing and maintaining large-scale applications with a focus on performance and reliability. I worked with a range of modern backend technologies and databases to deliver robust solutions, while also implementing and optimizing routing systems to enhance traffic and navigation functionalities, ensuring scalability and seamless operation.

Consultant

June 2022 - March 2024

Aasood, Tehran (Remote)

As a Consultant at Aasood, a B2B digital online shop, I provided expert guidance on resolving software architectural challenges and developed strategies to scale the project effectively. My role focused on ensuring the system's scalability, reliability, and alignment with business goals.

Backend Developer

November 2021 - April 2022

Aasood, Tehran

As a Backend Developer at Aasood, a B2B digital online shop, I worked on designing and implementing microservice architecture for applications such as shopping, product, and cart systems. My role involved migrating a monolithic e-commerce application to a modern, scalable microservice-based architecture using FastAPI, ensuring improved performance and maintainability.

AI Software Engineer

January 2021 - April 2021

Tecvico, Vancouver

As an AI Software Engineer at Tecvico, a company specializing in medical AI, I developed software solutions to enhance the efficiency of medical professionals. Using tools and libraries like PyQt, scikit-learn, Pandas, and numpy, I worked on machine learning algorithms applied to medical datasets, including images and structured data. Additionally, I conducted research to design and develop innovative tools for comprehensive medical applications.

EDUCATION

AI PhD	Islamic Azad University, Tehran	September 2021 - Present
AI Master	Islamic Azad University, Qazvin	September 2018 - August 2021