

Mehrdad Esmailpour

Engineering Manager

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Professional Summary

Experienced Engineering Manager with over 9 years of software engineering background, specializing in cloud infrastructure, high-availability systems, and team leadership. Proven track record of scaling cross-functional teams, managing complex SRE and development operations, and delivering critical infrastructure products. Adept at driving technical strategy, optimizing system performance, and fostering a culture of ownership and engineering excellence. Seeking an Engineering Manager role in a structured, large-scale enterprise environment to leverage my expertise in team development, performance evaluation, and architectural oversight.

Professional Experience

ArvanCloud | Tehran, Iran

Engineering Manager | June 2023 – Present

- Led a 25-member cross-functional team encompassing SRE, Systems, and Interface, driving the development and maintenance of CDN products.
- Directed technical operations to successfully maintain a strict 99.99% uptime SLA for the core CDN infrastructure.
- Spearheaded the development and launch of a new Edge Computing product from conception to successful market delivery.
- Managed the end-to-end deployment, integration, and delivery of multiple White-Label projects for enterprise clients.
- Developed a custom Terraform provider, streamlining infrastructure automation and deployment processes.
- Proactively managed technical debt and implemented update strategies for legacy projects, ensuring system reliability without halting innovation.
- Fostered a cohesive work environment by conducting regular 1-on-1s, managing team conflicts, and aligning team OKRs with broader business goals.

ArvanCloud | Tehran, Iran

Software Development Team Lead & Software Engineer | March 2021 – May 2023

(Promoted to Team Lead in Oct 2021)

- Led an 8-member backend development team focusing on CDN API and panel services using PHP/Laravel and Golang/Gin.
- Architected and fully rewrote the Nameserver (NS) check system, completely eliminating system incidents and improving overall service reliability.
- Redesigned and rewrote the user usage reporting system; achieved 4 years of flawless, incident-free operation while ensuring high extensibility, allowing new developers to seamlessly add new metrics.
- Streamlined CI/CD pipelines, implemented robust test/deployment protocols, and developed a standardized merge review template for efficient code integration.
- Tailored onboarding plans for new hires and developed team members through continuous mentoring and performance evaluations.

Tojaareh | Tehran, Iran

Chief Technology Officer (CTO) | March 2022 – August 2022

- Architected high-level software frameworks and selected a robust tech stack to ensure high scalability and efficiency for the startup.
- Built and managed a competent technical team (Frontend, Backend, Android, Scrum Master) from the ground up within a six-month timeframe.

Respina Networks and beyond | Tehran, Iran

R&D Software Engineer | October 2019 – March 2021

- Designed a high-availability architecture for rating and billing services, managing OCS systems utilizing Python, Redis, and MySQL.
- Developed a Go/MongoDB-based file service and built an MFA micro-service using Go, PostgreSQL, and Gin framework.

Previous Experience

- Scrum Master & Backend Developer | Sepehr Mahan Tech | 2019
- R&D Software Engineer & Researcher | CERT, Guilan University | 2018 – 2019
- Full Stack Developer | Fatasan | 2015 – 2019
- Freelance Web/Software Developer | Ponisha - Parscoders | 2014 – 2018

Skills

- Leadership & Methodology: Team Management, Team Topologies, System Design, Software Architecture, Microservices, Agile, OKR Alignment, Performance Evaluation, Project Management
- Languages & Frameworks: Go, Python, PHP, Django, Laravel
- Infrastructure & DevOps: Linux, Docker, Kubernetes, Git, CI/CD, Terraform
- Databases: MySQL, PostgreSQL, MongoDB, Redis

Education

Bachelor's in Software Engineering | Guilan University - Rasht, Iran | September 2011 – July 2015

(Certifications and Publications available upon request)