Mohammad Mobin Tasnimi

m.tasnimi@hotmail.com ◇ +98 935 967 6257 ◇ GitHub ◇ Linkedin ◇ Mashhad, Iran

EDUCATION

Bachelor of Science in Computer Engineering *Ferdowsi University of Mashhad*
September 2019 - July 2024

RESEARCH INTERESTS

Cloud Computing **Distributed Systems** **Cybersecurity**

WORK EXPERIENCES

ArzDigital *July 2024 - Present*
SRE Engineer

· Managed Development and Production Environments Based On Kubernetes.
· Managed and Setup Apache APISIX gateway.
· Technologies used: Kubernetes, Jenkins, Lua, ArgoCD

Eco Waste Management *Jan 2023 - Mar 2024*
DevOps Engineer

· Managed Development and Production Environments Based On Kubernetes.
· Delivered high-quality solutions and systems for complex web applications.
· Technologies used: Kubernetes, Containerd, Golang, ORACLE Database

OMPFinex *Jul 2022 – Sep 2023*
Platform Engineer

· Created and Managed Kubernetes clusters.
· Contributed to infrastructure architecture planning and troubleshooting.
· Created and Managed Cassandra and HA PostgreSQL.
· Technologies used: Kubernetes, Docker, Golang, Cassandra, PostgreSQL

PUBLICATION

Arabshahi, S., Erfanian, H.R. and **Tasnimi, M.M.** "**Googling as a Key: Exploring the Relationship between COVID-19 Cases and Internet Search Behavior**". "IEEE 2023 9th International Conference on Web Research", doi.org/10.1109/ICWR57742.2023.10139118

SELECTED PROJECTS

CG-TTC: A coalitional game-based approach for resource sharing in cloud federation market

Cloud Computing, Distributed Systems, Game theory *Link*

· Implemented a decentralized model for cooperation among providers
· Based on Shapley Value formula from game theory and Top Trading Cycle (TTC) from Matching Markets
· Under Supervision Of Prof. Saeid Abrishami

Raft consensus Algorithm in Golang

Distributed systems, Raft *Link*

· Implementing Raft Consensus Algorithm In Golang
· Under Supervision Of Prof. Mohammad Allahbakhsh

ACADEMIC EXPERIENCES

Cloud Computing [1] *Winter 2023 - Present*
Teaching Assistant *Prof. Saeid Abrishami*

· Developed and assessed assignments.
· Formulated and evaluated a step-by-step project based on Dockerization, Kubernetes, and Micro-Services.

Logic Circuits *Fall 2020 - Fall 2023*
Teaching Assistant *Prof. Yasser Sedaghat*

· Designed and evaluated Most of the course projects.

MEMBERSHIP

Student Scientific Association of Computer Engineering *Ferdowsi University of Mashhad*
2021

SKILLS

Technical: Kubernetes, Docker, Golang, Python, Linux, Git, C++, Apache Hadoop.

Languages: Persian (Native), English

NOTABLE COURSES

Operating Systems	20/20	Computer Networks	18.13/20
Principles of Database Design	20/20	Multi-core programming	17.55/20

---

[1]Graduate level Course, Ferdowsi University of Mashhad