Kiarash **Soleimanzadeh**

ML/AI ENTHUSIAST · SENIOR SOFTWARE ENGINEER · RESEARCHER

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"In order to be irreplaceable, one must always be different." – Coco Chanel

Education

M.Sc. Information Technology Engineering - Multimedia Systems *Kermanshah, Iran*
RAZI UNIVERSITY *2014 - 2018*
- Master Thesis: "A Dynamic Load Balancing Approach and its Evaluation in Software Defined Networking"

B.Sc. Computer Engineering – Software *Malayer, Iran*
MALAYER UNIVERSITY *2009 - 2014*
- Project Title: "Design and Implementation of a University Content Management System for Publishing of Scientific Evidences"

Research Interests

- ● **Applications of AI in Medicine/Healthcare, Smart Health, IoT, etc.** ● **Machine Learning** ● **NLP** ● **Big Data** ● **IoT**

Publications

SD-WLB: An SDN-aided mechanism for web load balancing based on server statistics *ETRI Journal*
ISI JOURNAL PAPER *2019*
- Soleimanzadeh, K., Ahmadi, M., & Nassiri, M. (2019). SD-WLB: An SDN-aided mechanism for web load balancing based on server statistics. ETRI Journal. doi:10.4218/etrij.2018-0188

Experience

Senior software engineer, Software architect, Full stack developer *Hamedan, Iran*
FREELANCER *2021 - Present*
- The *IntelliBib* or *Intelligent Latex Bib Management* system is a large-scale and unique project that uses AI/NLP techniques to suggest the best references for users to cite based on their current writing context on **Overleaf**. The *IntelliBib* system contains an NLP-driven citation recommendation sub-system. The *IntelliBib* system automatically learns about the user's domain of expertise and citation preferences from the user's past Latex project and current Latex project. Since December 2021, I've been working on this project. I've used the latest technologies and methodologies to implement this project.

Senior software engineer and manager *Hamedan, Iran*
ABAN ELECTRONIC HEGMATAN CO. *2019 - Present*
- I lead a team to tackle challenges in enterprise software applications with the *Agile* methodology. As a leader, I have improved my time management and teamwork skills.

Full stack developer *Hamedan, Iran*
FREELANCER *2005 - Present*
- As a freelancer, I learned how to work on different projects remotely and simultaneously. In addition, I learned to communicate with others effectively and efficiently.

Software architect and consultant

FREELANCER

Hamedan, Iran
2016 - Present

- As a software architect, I make high-level design choices and try to enforce technical standards, including software coding standards, tools, and platforms. Besides that, as a software consultant, I design software systems customized for specific tasks or industries, analyze a company's computer system and determine how to use software to make processes more efficient, and provide technical support and troubleshooting services for clients.

Software engineer and developer

POUYA PARDAZ KARKIA INC.

Hamedan, Iran
2014 - 2019

- As a leader of the team, I conducted a large-scale project in this company with ambitious goals. Besides, I had the role of a software engineer and developer to build stable software, and we tested the software by the Unit Testing method.

Senior software engineer, Full stack developer

UNIVERSITY OF MEDICAL SCIENCES

Tehran, Iran
2017 - 2018

- I designed and developed "University Content Management System for the University of Medical Sciences" which is an enterprise web application all by myself over a limited time scale to publish scientific breakthroughs, university news, and announce events for each college at the University of Medical Sciences in Tehran. From this experience, I gained how to manage and lead a big project under challenging conditions with the latest technologies while addressing customer concerns.

Senior software engineer

UNIVERSITY OF MEDICAL SCIENCES

Tehran, Iran
2016 - 2017

- I designed and implemented "Professors Comprehensive System for the University of Medical Sciences" which is an enterprise web application all by myself. This project addressed a wide range of needs of faculty and students to communicate easily with each other.

Skills

Programming	Python, JAVA, C#, SQL, Bash, PowerShell, C/C++, TypeScript, JavaScript, VB.NET, MATLAB, LaTex
Soft Skills	Analytical-Thinking, Time Management, Teamwork, Creativity, Problem Solving
DevOps	Git, Azure, AWS, Docker, Kubernetes, Jenkins, Puppet, Selenium, Agile
Front-end	React, Redux, HTML5, CSS3, LESS, SASS, Webpack, Parcel

Honors & Awards

2019	**Top downloaded paper award**, My paper has been recognized as top downloaded paper by Wiley	*Wiley*
2018	**Ranked 1st student in my class**, M.Sc. student in Razi University	*Kermanshah, Iran*
2014	**1st place team**, ACM programming contest of Bu-Ali Sina University	*Hamedan, Iran*
2008	**Certified professional programmer**, Iran Technical and Vocational Training Organization	*Hamedan, Iran*