



Amir Mahdi Sedghi

Medior Software Engineer

I am currently employed as a Medior Software Engineer while pursuing my studies. My primary expertise lies in web software development. Along this path, I have delved into areas such as networking, DevOps, network security, and more. My interests lie in advancing my current skill set, aiming to become a Senior Programmer. Additionally, I am eager to venture into the fields of Machine Learning and Artificial Intelligence.



asedghi1380@gmail.com



+98 938 212 4625



Isfahan, Iran



linkedin.com/in/amir-mahdi-sedghi



github.com/AmirMahdiSedghi

SKILLS

PHP & Laravel

JS & Alpine.js & Tailwind

SQL Databases

Linux

Docker

Git

CI/CD

TDD

Scrum

Design Patterns

Python

NLP

LANGUAGES

Persian

Native or Bilingual Proficiency

English

Limited Working Proficiency

INTERESTS

Web Development

ML

DevOps

NLP

CyberSecurity

Solve Challenges

WORK EXPERIENCE

Medior Software Engineer

Zaman Tech

02/2022 - Present

Tehran, Iran (remote)

Zaman Tech assists businesses addressing complex problems with technology solutions and creating software.

Participated projects

- [DigiYara](#) (As A Front-End Developer Using JS, Alpine.JS, TailwindCSS And Blade)
- [Mehrtā Academy's Upload Center](#) (As A Full-Stack Developer Using Laravel & Alpine.JS)
- Several other web-based management applications.

CERTIFICATES

Laravel Framework (12/2022 - 12/2022) [🔗](#)

PERSONAL AND ACADEMIC PROJECTS

Chortkeh (03/2023 - Present) [🔗](#)

- I collaborated as a Laravel developer on a web application designed for managing debts and credits among friends. The project, developed using React and **Laravel**, incorporates **REST API** and employs design patterns like **Service** and **DTO**. Challenges included working with REST API, **integrating with an SMS service**, and **designing a streamlined database with minimal redundancy**.

Implementation of a system equipped with IDS, IPS, SIEM (10/2023 - 11/2023)

- As part of a Network Security course project, a system equipped with **IDS** (Intrusion Detection System) and **IPS** (Intrusion Prevention System) was implemented to effectively identify and prevent attacks and threats. **Crowdsec** was employed as the IDPS software in this project.
- Additionally, by integrating the system with **Splunk** software, event management and reporting capabilities were enhanced. Moreover, the IDPS system was connected to it to equip the final system with **SIEM** (Security Information and Event Management) functionality.

NLP project (10/2023 - 01/2024)

- This project is related to the Natural Language Processing (NLP) course and includes tasks such as **preprocessing textual data**, **spell correction**, and **classifying textual data**.
- In the preprocessing of textual data, techniques such as **tokenization**, counting the frequency of tokens, and using the **Porter** algorithm for text **stemming** have been employed.
- For spelling error correction, a **Noisy Channel** model and the minimum edit distance algorithm (**Levenshtein distance**) have been utilized to detect and correct spelling errors in the given text.
- In the text data classification section, the **Naive Bayes machine learning algorithm** has been used to classify texts from the 20 news group dataset.

EDUCATION

Bachelor Of Computer Engineer

Shahid Chamran University Of Ahvaz

09/2020 - 09/2024

Iran, Ahvaz

Courses

- **Natural Language Processing Project**
- **Design Databases**
- **Network And Network Security**
- **Software Engineering**