

Soheil Yousefi

+1-514-651-7554
b.s.yousefi@gmail.com

in bssyousefi
github.com/bssyousefi
bssyousefi.github.io

Summary

Promising software engineer with 5 years experiences in IT. Familiarity with developing scalable web applications and solutions. Proficient in **Python, Go**, and bash scripting. Passionate about learning and leveraging new technologies and approaches to solve complex problems and enhance client experiences.

Skills

Languages Python, C, Go, PHP, Bash, JS

Tools AWS Services, Unix Shell, Docker, Kubernetes, Kafka, Bento, Git

Databases Postgresql, MySQL, Redis, MongoDB, ElasticSearch

Frameworks FastAPI, Flask, Django, Symfony

Frontends HTML, CSS, JS

Data Analytics Pandas, NumPy, Seaborn, MDX

Experience

Secureauth | cybersecurity

Data Software Engineer

Apr 2022 – Present

Montréal, QC, Canada

- > Designed and implemented a backend machine learning application, overseeing its full lifecycle from development to deployment and maintenance
- > Monitored data quality and pipeline performance using monitoring tools and automated scripts to ensure data integrity and operational efficiency
- > Executed end-to-end ETL processes using AWS services and additional tools to ensure efficient data integration and transformation
- > Actively participated in design and architecture processes, contributing to the improvement of the whole system

Digikala | e-commerce

Software Engineer

May 2021 – Dec. 2021

Tehran, Iran

- > Designed and implemented scalable backend application in PHP to handle packing and labeling operations
- > Diagnosed and redesigned multiple backend workflows to enhance system efficiency and reliability

Digikala | e-commerce

Automation Supervisor

Apr. 2020 – May 2021

Tehran, Iran

- > Developed and generated detailed reports using OLTP and OLAP databases to support data-driven decision-making
- > Implemented data visualization tools Metabase and PowerBI to enhance data analysis and reporting capabilities
- > Conducted data analysis and modeling using Python and PowerBI to drive actionable insights and business intelligence
- > Developed ETL pipelines with Pandas to clean, transform, and aggregate data from diverse sources, ensuring high data quality and consistency

- › Developed a calculation method for operational margin to enhance visibility to drive profitability
- › Designed and implemented a dynamic rebase model for partners to improve performance assessments
- › Utilized MS Excel for data cleaning, exploration, and initial analysis, leveraging advanced formulas and pivot tables to summarize and visualize data

Selected Contributions

Risk Engine

- › Designed and developed a Python based application server with admin panel, which run rule based and ML based risk analyzers within the application against the authentication context in order to provide a level of assurance score
- › Implemented and monitored separate workflows for training user based and group based ML models

Data Pipeline

- › Gathered all the data from different sources into Apache Kafka
- › Implementing a pipeline for consuming data from Kafka and manipulating them and push them into different storages using open source Bento
- › Tailored Bento and its pipelines to support the different needs and use cases

Parcel Labeling App

- › Designed and developed a parcel labeling application to increase labeling capacity
- › Collaborated with frontend team to move several time consuming processes to the backend

Browser Plugin

- › Collaborated on creating a [browser plugin](#) based on TS in order to automate several mundane technical tasks

Education

Sharif University of Technology

Msc. in Engineering

2016 – 2019

Tehran, Iran

Sharif University of Technology

Bsc. in Engineering

2012 – 2016

Tehran, Iran