Mustafa Yılmaz

Software Engineer

I was born in 1994 and I live in Istanbul. I am a Software Engineer with deep experience in web frameworks, APIs, machine learning, data science, and DevOps. I am also keen on several Python web frameworks like Django, Flask and FastAPI in a wide variety of Python libraries like Pandas, TensorFlow and Keras.

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WORK EXPERIENCE

Senior Software Engineer
IDT Corporation

07/2022 - Present   *Remote, US*
Telecom Sector

Achievements/Tasks
- Development with Python, Flask, restful web services, CI/CD pipelines (Docker, Jenkins), Google Cloud Platform
- Node.js, OpenAPI, Typescript

AI & ML Software Engineer
Turkcell

08/2020 - 07/2022   *Istanbul*
Telecom

Job Description / Requirements
- AI & ML Model developments
- Scheduling model and maintenance
- Developing NLP, Data Science and Computer vision projects
- Using python, oracle, hadoop, flask, django, kafka, spark
- Developing webservices, web frameworks, big data environments.

Data Scientist & Data Engineer
Vakıfbank

08/2017 - 08/2020   *Istanbul*
Banking

Job Description / Requirements
- Creating datamarts using pl-sql with oracle exadata
- ETL Development with Informatica, Big Data Processing
- Model Development, Maintenance, Scheduling
- Data modelling, Model Implementation
- Python, SAS EG, SAS EM, Flask
- Integrating AI projects to main banking system.

.Net Software Developer
Trios Software & Design

08/2014 - 01/2017   *Istanbul*
B2B, B2C, E-commerce and a lot of different projects

Job Description / Requirements
- Asp.net MVC, Asp.Net web forms, C#, MS SQL
- Developing web based applications
- Creating database architecture
- Development with OOP metodologies and design patterns.
- Performance tuning for web infra,(Caching, Distributing, SQL based tunings.)

EDUCATION

Computer Engineering Dept.
İstanbul University

09/2013 - 06/2017

Thesis
- Semantic question answering system with NLP

SKILLS

SQL RDBMS(Oracle, MS SQL Server Postgre SQL) and noSQL Tech

Python, Django, Flask, Fast API

C#, Asp.Net, Rest API .Net Core

DWH & ETL & Big Data (Hadoop, hive, kafka, spark, scala, Informatica)

Machine Learning, Data Science

Cloud Ops, AWS (S3, EC2, Lambda, Redshift)

Devops Kubernates, Docker, Openshift, Bitbucket, Confluence, Jira

Airflow

PROJECTS

Fizy, TV+ Recommendation Engine
- Developed for Fizy and TV+ applications. our picks for you, similar contents,weekly enjoy list, listen music for your mood, artist recommendations. We used big data environments for model. Our model is working with pyspark and our datas are coming from DWH systems, we are processing with the ETL pipes. Model results are writing Hadoop impala environment. Tech: pyspark,python, hadoop, oracle exa-data, sqoop, big data

ODAK Big Data Monetization Platform
- ODAK is a platform that generates hundreds of insights on subjects such as location mobility and digitalization, by processing telecom specific data as insight over big data platforms. Platform has also AaaS (Analytical as Service, ML generated models). We have used Python, Django,Hadoop, Oracle Exadata, Sqoop, Fast API and React JS. Platfrom can query billions of data in seconds. https://odak.turkcell.com.tr.

Game+ Chatbot
- We had developed a chatbot for Gameplus support operations. Platform users can get support on Game+ bot that they can do many issues such as playing games, billing and membership process via chatbot. We use intent classification with the NLU that we have developed. Flows. Tech : NLP, Python, Fasttext, Botpress

Media Scoring for Corporate Organizations
- We collected company news from reliable websites category via web spyders. We calcultated named entity recognizitions from text news.We gave a score for each news(positive,negative,notr). Various of Models were developed SVM, Google Cloud, TF/IDF. We gave score for each company in our system. Tech : Python, Oracle, Google Cloud APIs, Machine Learning

Vanitysale.com
- E-commerce app, we developed an infrastructure based in USA, New Jersey. ASP.Net, C#, MS SQL Server, paypal integration were developed successfully.

ACHIEVEMENTS

CXO Award
Given to Turkcell chatbot project team for successful results.