

Mustafa Sencer Özcan

m.sencerozcan@gmail.com

(+90) 5537430169



EDUCATION

BOGAZIÇI UNIVERSITY

BS IN MECHANICAL ENGINEERING

Jun 2017 | Istanbul, TR

COURSEWORK

UNDERGRADUATE

Dynamic Feedback Control Systems

Proprioceptive Feedback Systems

Vehicle Routing

Mechatronics

Adaptive Control

System Dynamics

SKILLS

PROGRAMMING

Extensive Usage:

Python • Go • JavaScript/TypeScript

Familiar with:

C++ • Rust • Java • Scala • R • Bash

DEVELOPMENT

BackEnd:

Django • Flask • Sanic • FastAPI •
Express • Fastify • Koa • NestJS • gin •
mux • httprouter • net/http • gRPC

FrontEnd:

Angular • React.js • Next.js

CI/CD:

Flux CD • Gitlab CI/CD • supervisor •
Jenkins • Argo CD • Github Actions

Messaging/Streaming Brokers:

RabbitMQ • SQS • SNS • Kafka • NATS •

Kinesis

Data Storage:

SQL Server • MySQL • PostgreSQL •
Redshift • DynamoDB •
Elasticsearch/Opensearch • MongoDB •
Redis • S3

IAC:

Terraform • serverless framework

Miscellaneous:

Kubernetes • Helm • prefect • airflow •
Apache Spark • sklearn • pandas • istio •
nginx • OSRM • prometheus • Vroom •
Selenium • SocketIO • swr • celery • pulp

LANGUAGES

Turkish (Native)

French (Native-Like)

English (Fluent)

German (Pre-Intermediate)

EXPERIENCE

NEWSTORE | SOFTWARE ENGINEER II

Apr 2021 - Present | Berlin, DE

- **Newstore** is an integrated platform offering omnichannel solutions for stores and consumers to deliver amazing shopping experiences.
- Catalog team responsible of the **import pipeline** for product, category, price, inventory and image entities into Newstore platform.
- Event driven architecture, CQRS, stream processing, data pipeline, etc...

GETIR | SOFTWARE ENGINEER

Nov 2020 - Apr 2021 | Istanbul, TR

- **getir** is a Unicorn grocery delivery company operating around the world.
- Algorithm team responsible of vehicle routing and assignment, order acceptance, traffic and map matching.
- Metaheuristic optimization, CVRP, VRPTW, VROOM, OSRM, etc...

BLUTV | SOFTWARE ENGINEER

May 2020 - Nov 2020 | Istanbul, TR

- **blutv** is an OTT streaming media platform present in Turkey and MENA region.
- Content management team responsible of content delivery, user entitlement, content recommendation, video encoding/transcoding, FFmpeg, etc...

CEREBRO | SOFTWARE ENGINEER

Dec 2017 - May 2020 | Istanbul, TR

- **cerebro.tech** is a startup company providing automated bidding systems for metasearch engines such as Trivago, TripAdvisor and Google Hotel Ads.
- Batch processing, automated ML, microservice architecture, click prediction, sales prediction for OTAs.

BORUSAN MANNESMANN | LONG TERM INTERN

Feb 2017 - Oct 2017 | Istanbul, TR

- Gemlik SAWH Mill production planning developer, automation processes management.

PROJECTS

HIWELL APP | SOFTWARE ENGINEER

Sep 2019 - June 2020 | Istanbul, TR

Hiwell app is enabling remote interactions between clinical psychologists and their patients. I mainly worked on the development process of the APIs and internal dashboards. Helping the team in also developing the **Hiwell App**.

ACTIVITIES AND HOBBIES

- 2016 Bogaziçi University Women Football Team Trainer for a year.
- 2014 Kadir Has University Certificate of Sports Communications/Media by Bagis Erten.
- 2014 Mithat Alam Film Center: Independent film-making Certificate by Nadir Öperli.
- 2013 Bogaziçi University Football Team Member and Player since university entrance.
- 2013 KYK Scholarship (Awarded to students in the top 100 in Turkey).
- 2012 University Entrance Exam 2012 (DİL-1) 76th among 1 Million Students.