

Mustafa Sencer Özcan

m.sencerozcan@gmail.com

(+49) 15730254570



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 •
MongoDB • Redis • S3

IAC:

Terraform • CloudFormation

Miscellaneous:

kubernetes • helm • istio • nginx •
envoy • spark • prefect • airflow • dbt •
pandas • sklearn • numpy • pulp • scipy •
osrm • vroom • prometheus • selenium •
swr • socketio • superset • matplotlib

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.
- Extensive usage of AWS Serverless stack along with EKS in order to maintain a highly visible and reliable import pipeline.
- Microservices, event driven architecture, CQRS, stream processing, 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, courier assignment, order acceptance, traffic and map matching services.
- Extensive usage of routing and mapping technologies such as Vroom and OSRM along with maintaining the business-critical routing algorithm services.
- Routing microservices, metaheuristic optimization, CVRP, VRPTW, 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...
- Extensive usage of backend, task/queue management and workflow frameworks such as airflow, celery, redis, step functions, FastAPI, 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.
- Small team responsible of backend, frontend, task scheduling, crawler, linear optimisation and ML workflows duties.
- Batch processing, ML workflows, Microservices, Click and Sales prediction for OTAs, Regression models, Django, etc...

BORUSAN MANNESMANN | LONG TERM INTERN

Feb 2017 - Oct 2017 | Istanbul, TR

- Production planning developer at **borusan**, automation processes, task scheduling, etc...

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 **Hiwell App** along with the backend APIs and internal dashboards.