

Nurgazy Nazhimidinov

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WORK EXPERIENCE

Udemy

Jan 2025 – Current

Senior Staff Software Engineer

Ankara, Turkey

- Led parts of the technical design and implementation of a cross-team initiative to build a coaching platform for instructors.
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Udemy

June 2022 – Jan 2025

Staff Software Engineer

Ankara, Turkey

- Collaborated with cross-functional teams to implement voice-enabled AI role-play systems.
- Developed an internal library in TypeScript to support experimentation in Cloudflare workers.
- Engineered an internal service for centralized management of user and organization metadata to power experimentation platform.
- Contributed to the design and implementation of a holdout system enabling more accurate impact measurement across experiments.

Udemy

Jan. 2022 – June 2022

Senior Software Engineer

Ankara, Turkey

- Integrated GraphQL to experimentation to enable a new layer of system integration and expand platform capabilities.

Technologies:

Kotlin, DynamoDB, Apache Kafka, Spring Boot, Elasticache, Typescript, Python, React, MobX, Apache Spark, Scala, GraphQL, Golang, Cloudflare workers

Paraboly

Oct. 2018 – Nov. 2021

Tech lead

Ankara, Turkey

- Worked on scaling travel time algorithm on GPS data received from 300k cars each minute.
- Worked on development of public transportation analytics platform.
- Designed and architected backend for traffic assistant platform. Added routing capability for bicycle routes.
- Designed and developed backend applications written as microservices for ERP of government structure.
- Designed and developed backend of road accident analytics platform.
- Worked on implementation of bus station matching algorithm using smart-card data that uses map-matching library.
- Lead team to use OpenAPI(Swagger) and generate client SDKs for backend applications.
- Mentored software engineers
- Worked closely with founders on aligning business and technical needs
- Coordinated knowledge sharing sessions

Technologies:

Java, Python, Typescript, Javascript, Google Dataflow, Apache Beam, Google Pubsub, OSRM, FastAPI, PostgreSQL, NestJS,, Google Cloud Build, Keycloak, MongoDB, Spring Boot, Elastic Search, Kubernetes, NodeJS.

Paraboly

Oct. 2016 – Sept. 2018

Senior software engineer

Ankara, Turkey

- Developed parking violation application that would run on embedded devices

- Developed road incident detection application and detection traffic patterns using Floating Car Data. Daily number of data was 50 million. Improved data storage of Floating Car Data by moving from MySQL to Apache Cassandra.
- Developed workflow automation for different types of devices in smart city system.
- Mentored interns

Technologies:

QT, Ansible, Spring Boot, MySQL, Apache Cassandra, Flask, Mapnik, NodeJS.

Paraboly

July 2015 – Sept. 2016

Software engineer

Ankara, Turkey

- Developed backend side of tunnel accident system.
- Developed components of smart city system

Technologies:

Java, Python, Spring MVC, MySQL, ZeroMQ, MongoDB, Spring Boot, OAuth2, Spring Cloud, Docker, Docker Swarm, RabbitMQ, Redis.

Paraboly

Sept. 2014 – June 2015

Part-time software engineer

Ankara, Turkey

- Developed Android mobile application for hospital information system. I was responsible for implementing screens and integrating to backend part of system.
- Developed backend for mobility research project where sensors from car would send data.
- Maintained junction control management system backend

Technologies:

Spring MVC, MySQL, Java

ISSD

June 2014 – Aug. 2015

Intern Software Engineer

Ankara, Turkey

- Developed Android mobile application for machinists. Integrated to backend.
- Integrated touch screen device for kiosk device. Mainly compilation Android kernel with configuration mentioned in device manual.

Technologies:

Android, Java

EDUCATION

Middle East Technical University

January, 2016

BS, Computer Engineering

Ankara, Turkey

INTERESTS

- **Interests:** soccer, reading, table tennis.