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. 2017 – 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 architectured 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.