

SAMET ÖÇSOY

SOFTWARE ENGINEER / BASKETBALL COACH

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 Github

 Youtube

EDUCATION

Istanbul
Topkapı University
(Bachelor's Degree)

Computer Engineering

GPA: 3.46
(2018 - 2022)

Istanbul Technical
University (Master)

Information Security
Engineering and Cryptography

(2024 - Present)

LANGUAGE

English

TECHNOLOGIES

Frontend;

Angular, HTML5,
CSS3, Bootstrap, Ionic
Framework, LeafletJs,
Prime Ng, UI/UX

Backend;

.NET CORE, Git,
RestAPI, Postman,
Docker, Graylog,
MongoDB, Kafka,
Redis, PostgreSQL
Airflow, Python
FastAPI

Data Science; Python,
Numpy, Pandas,
Matplotlib, Scikit-
Learn

Data Scrape; Python
Request,
BeautifulSoup

EXPERIENCE

SOFTWARE ENGINEER (FULL-STACK DEVELOPER)

Aras Kargo – ArasDx / Istanbul — Software Developer Intern
(Jan 2022 – Aug 2022)

Aras Kargo – ArasDx / Istanbul — Full-Stack Developer, Full-time
(Aug 2022 – Present)

- Ticket & Dashboard Application

Technologies: HTML5, CSS3, Angular 16, MongoDB, FastAPI (Python)

Actively contributed to the development of a dashboard to manage operational issues and feedback, track employees and tasks, and improve process efficiency. Designed and implemented REST API services using Python-based FastAPI for the backend and handled data manipulation with MongoDB.

- Courier Locker Application

Technologies: HTML5, CSS3, Angular 16, Ionic, Cordova, C#, MongoDB

Developed a locker system for couriers to streamline delivery operations. Utilized LINQ in C# for data processing and ensured seamless interaction with MongoDB. Built cross-platform solutions for mobile devices using Ionic and Cordova.

- Legacy Data Integration for Eurodis Cargonet

Technologies: .NET, C#, LINQ

Converted and migrated legacy data formats (MIP, TIF, CIF) into a modern infrastructure. Developed .NET-based services and used LINQ for accurate data processing and integration.

- Map-Based Applications with Microservice Architecture

Technologies: HTML5, CSS3, Bootstrap, PrimeNG, Angular 16, Leaflet.js, RxJS, MongoDB, C#, Postman, Graylog, Redis, Kafka, Rancher, Docker

Designed and developed map-based functionalities using Leaflet.js on a containerized microservice architecture (Docker & Rancher). Created backend logic with C#, implemented distributed logging with Graylog, managed message queues using Kafka, and integrated caching with Redis. Tested APIs with Postman.

- Geographic Data Integration and Mapping Tools

Technologies: Leaflet.js, MongoDB, C#

Integrated geographic databases and built map tools for users to define locations and draw polygons. Managed backend data operations using C# and MongoDB.

REFERENCES

Prof. Dr. Metin Zontul

Dean of Engineering
(Sivas University of Science and
Technology)

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Nadir Can Kavkas

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Onur Adıgüzel

Senior Software Engineer

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- Notification and SMS System Development
Technologies: .NET, C#, Postman

Built an SMS and notification system to deliver real-time updates. Developed microservices in C# and validated functionalities with Postman.

- Task Management and Tracking Dashboards
Technologies: .NET, C#, LINQ

Developed dashboards for tracking employee tasks and performance. Enabled managers to monitor real-time updates and generate reports using LINQ queries.

- ETL and Data Transformation Pipelines
Technologies: MongoDB, PostgreSQL, Airflow, Python, SQL, Metabase

Created ETL workflows to transfer data from MongoDB to PostgreSQL using Airflow and Python. Set up reporting systems with Metabase.

- Text Mining and Natural Language Processing
Technologies: Python, NLTK, spaCy, scikit-learn, TensorFlow/PyTorch, FastAPI, Angular

Developed solutions for text classification, data scraping, similarity detection, and chatbot functionalities. Preprocessed data, trained models, and designed interactive user interfaces.

FREELANCE (DATA SCIENTIST - FULL STACK DEVELOPER)

Meta Trade World / Istanbul — Freelance Software Developer
(Student Period) (2022 – 2023)

- Avatar Chatbot
Technologies: Angular, TypeScript, FastAPI, HTML5, CSS3, Python, TensorFlow, scikit-learn, NLTK

A web-based metaverse avatar application that detects and processes user input in four languages via text or voice messages. It categorizes the input based on industry-specific contexts and provides responses through voice, text, and visual outputs.

FREELANCE (DATA SCIENTIST - FULL STACK DEVELOPER)

Caretta Yazılım / Istanbul — Freelance Software Developer
(Apr 2022 – Jul 2022)

- Chatbot and Text Processing Applications
Technologies: Angular, TypeScript, FastAPI, HTML5, CSS3, Python, TensorFlow, scikit-learn, NLTK

A web-based AI chatbot that categorizes user input based on industry-specific contexts and generates sector-specific responses.

PERSONAL BASKETBALL COACH

Coached basketball teams, focusing on developing players' skills, teamwork, and game strategies. Organized training sessions and guided teams during matches.