

SAMET ÖÇSOY

Senior Software Engineer / Basketball Coach

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PROFESSIONAL SUMMARY

Full-stack software engineer with 4+ years of experience building microservice-based enterprise systems (Angular, .NET Core, FastAPI, MongoDB, Kafka, Docker) at a national logistics company, alongside independent product development. Founder of qrder.net, a live SaaS platform for digital QR menus. Background in machine learning / NLP and data engineering (ETL pipelines, text mining, chatbots). Also active as a basketball coach.

PROFESSIONAL EXPERIENCE

Senior Software Engineer (Full-Stack Developer)

Aras Kargo – ArasDx • Istanbul, Turkey (Jan 2022 – Present)

- Developed a ticket and dashboard application to manage operational issues, track employees and tasks, and improve process efficiency, using Angular 16, MongoDB, and FastAPI (Python) for REST API services.
- Built a courier locker application with Angular 16, Ionic, and Cordova for cross-platform mobile delivery, using C# and LINQ for backend data processing with MongoDB.
- Migrated legacy data formats (MIP, TIF, CIF) into a modern .NET-based infrastructure using C# and LINQ for Eurodis Cargonet integration.
- Designed and developed map-based functionalities using Leaflet.js on a containerized microservice architecture (Docker, Rancher); implemented distributed logging with Graylog, message queues with Kafka, and caching with Redis; tested APIs with Postman.
- Integrated geographic databases and built map tools enabling users to define locations and draw polygons, managing backend operations with C# and MongoDB.
- Built an SMS and notification microservice system in C# for real-time updates, validated with Postman.
- Developed task management and performance-tracking dashboards in .NET/C#, enabling managers to monitor real-time updates via LINQ-based reporting.
- Built ETL pipelines to transfer data from MongoDB to PostgreSQL using Airflow and Python, and set up reporting with Metabase.
- Developed NLP solutions for text classification, data scraping, similarity detection, and chatbot functionality using Python, NLTK, spaCy, scikit-learn, TensorFlow/PyTorch, FastAPI, and Angular.

Founder & Full-Stack Developer

qrder.net (Live Product) • Istanbul, Turkey — Independent Project (2024 – Present)

- Founded and built qrder.net, a live, web-based QR menu and table-ordering SaaS platform for restaurants, cafes, and bars, requiring no app download or login for guests.
- Designed a self-service menu builder allowing business owners to create and publish a digital QR menu in minutes, supporting up to 10 categories and 100 products on the free tier.
- Own the product end-to-end: development, hosting/deployment, pricing, and go-to-market, including outbound lead generation and outreach to restaurant and cafe owners.
- Built with a modern web stack (Next.js/React, cloud database, Tailwind CSS) focused on fast load times and mobile-first guest experience.

Freelance — Data Scientist / Full-Stack Developer

Meta Trade World • Istanbul, Turkey (2022 – 2023)

- Built a web-based metaverse avatar chatbot that detects and processes user input in four languages via text or voice, categorizing input by industry-specific context and responding via voice, text, and visual output, using Angular, TypeScript, FastAPI, Python, TensorFlow, scikit-learn, and NLTK.

Freelance — Data Scientist / Full-Stack Developer

Caretta Yazılım • Istanbul, Turkey (Apr 2022 – Jul 2022)

- Developed a web-based AI chatbot that categorized user input by industry-specific context and generated sector-specific responses, using Angular, TypeScript, FastAPI, Python, TensorFlow, scikit-learn, and NLTK.

Personal Basketball Coach

Independent • Istanbul, Turkey

- Coached basketball teams, developing players' skills, teamwork, and game strategy; organized training sessions and guided teams during matches.

EDUCATION

Master's Degree, Information Security Engineering and Cryptography

Istanbul Technical University • Istanbul, Turkey (2024 – Present)

Bachelor's Degree, Computer Engineering (GPA: 3.46)

Istanbul Topkapı University • Istanbul, Turkey (2018 – 2022)

TECHNICAL SKILLS

Frontend: Angular 16, TypeScript, HTML5, CSS3, Bootstrap, PrimeNG, RxJS, Leaflet.js, Ionic, Cordova

Backend: .NET Core, C#, LINQ, Python, FastAPI, REST API

Databases: MongoDB, PostgreSQL, Redis, SQL

DevOps & Tools: Docker, Rancher, Kafka, Graylog, Git, Postman

Data & ETL: Airflow, Metabase, Pandas, NumPy, Matplotlib

ML & NLP: TensorFlow, PyTorch, scikit-learn, NLTK, spaCy

Web Scraping: Requests, BeautifulSoup

Product / SaaS: Next.js, Supabase, Vercel, React Native (Expo), Tailwind CSS, RevenueCat

LANGUAGES

- Turkish (Native)
- English (Professional Working Proficiency)

REFERENCES

- Prof. Dr. Metin Zontul — Dean of Engineering, Sivas University of Science and Technology
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- Nadir Can Kavkas — Senior Software Engineer
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