Görkem **Coskun**

Senior Full-Stack Engineer

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PROFESSIONAL SUMMARY

- Senior full stack engineer with over 6 years of experience designing scalable backend services and modern web applications. At Bliq GmbH, contributed to a ride-hailing platform serving **115K+** drivers and **343K+** passengers, handling millions of daily requests.
- Proven ability to deliver impactful frontend applications, including a production-grade fleet dashboard used by **1,000+** companies, and internal tools that improved operational efficiency across teams.
- Specialized in serverless and event-driven architectures using GCP with hands-on management of **160+** modular cloud functions powering key backend workflows.
- Previously contributed to AI-driven geospatial projects, supporting projects for public sector clients across Europe, such as parking density analysis and road infrastructure assessment.

RELEVANT EXPERIENCE

Full Stack Engineer   December 2020 - Present
Bliq GmbH, Berlin

- Architect and maintain backend services for Bliq Rides using **NestJS**, **TypeScript**, **MongoDB**, and **Kafka**, focusing on scalability, observability, and event-driven design
- Build and maintain **React/Next.js** applications that streamline fleet operations, enable real-time reporting, and support internal workflows for operations and support teams.
- Build serverless components on **Google Cloud Functions** and **Firebase**, contributing to an event-driven and modular system architecture.
- Led cross-functional feature development from requirements to production, delivering key tools for operations and support teams.

Computer Vision and AI Software Engineer   November 2018 – December 2020
Bliq GmbH, Berlin

- Designed and developed a computer vision platform that processes street view videos to automatically extract detailed road and infrastructure data using AI-driven object detection and visual recognition. Utilized **TensorFlow** and **PyTorch** to train and evaluate models with both public and custom-labeled datasets, and applied scikit-learn for classification and data analysis tasks.
- Delivered geospatial analysis solutions for public sector clients, including:
    - *The Hague Municipality*: Curbside parking density and availability mapping
    - *German Federal Ministry for Digital and Transport(BMV)*: Road surface quality assessment with damage mapping in Berlin
    - *Project VIVRE*: Virtual stop detection for smart mobility systems

Geospatial Software Engineer   May 2016 – June 2017
Here Technologies, Istanbul

- Performed geospatial data quality analysis on large-scale Point of Interest (POI) datasets acquired for HERE Maps
- Used **Python**, pandas, and **SQL** to inspect, compare, and assess consistency and completeness of location data against provider specifications.
- Supported data procurement and integration processes by identifying inconsistencies, measuring data accuracy, and delivering actionable feedback to improve dataset reliability.

SKILLS

Programming Languages:
TypeScript, JavaScript, Python

Backend:
Node.js, NestJS, MongoDB, SQL, REST APIs

Frontend:
React, Next.js

Cloud Tools:
Firestore, Cloud Functions, Pub/Sub, Google Cloud (GCP)

DevOps:
Docker, CI/CD, Git

Monitoring & Messaging:
Grafana, Kafka

AI/ML & Data Science:
TensorFlow, Scikit-learn, OpenCV

Desktop & UI Frameworks:
Electron

Unit Testing:
Jest

Product Engineering Practices:
Agile methodologies, Requirement analysis, Technical planning, Scalable architecture support

EDUCATION

Technische Universität Berlin
2017-2019
Master's degree
Geodesy and Geoinformation Science

Istanbul Technical University
2011-2016
Bachelor's degree
Geomatics Engineering

LANGUAGE

Turkish – Native
English – C1 (Professional proficiency)
German – B1 (Intermediate)