



# ALISHER MUZAFFAROV

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## PROFILE

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Backend Software Engineer with almost 3 years of experience in Golang and Python, specializing in API development with additional DevOps skills. Effective in both collaborative and independent work environments.

## EXPERIENCE

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**Conun Global** Feb. 2023 - Present  
*Backend Engineer* Seoul, Korea

- Contributing to the development of OceanDrive, a decentralized storage solution utilizing IPFS.
- Developed backend services for both OceanDrive's desktop and web applications.
- Re-designed and implemented an authentication service, which enabled authentication for users from different frontends.
- Designed and wrote a Typesense (open source search engine) client library in Golang for search functionality.

**Koolsign** Sep. 2021 - Feb. 2023  
*Software Engineer* Seoul, Korea

- Developed OCPP (Open Charge Point Protocol) server app using Python within over a month, resulting in the acquisition of an OCPP certificate for the company.
- Implemented OCPP client library in Golang.
- Developed CSMS (Charging Station Management System) server using Golang and NATS (a Kafka alternative).
- Set up and maintained the company's first on-premise Kubernetes system, integrating database, file storage, monitoring, and backup solutions. This approach accelerated development processes and resulted in cost savings compared to utilizing cloud-managed Kubernetes services.
- Developed an MQTT microservice to push image data to a Redis Pub/Sub for an image recognition system.
- Created a Python library to convert videos to DASH format.

## EDUCATION

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**University of Ulsan** Mar. 2019 – Jul. 2021  
*Master of Science in Computer Science; GPA: 3.95/4.5* Seoul, Korea

**National University of Uzbekistan** Aug. 2011 – July. 2015  
*Bachelor of Science in Physics; GPA: 78/100* Tashkent, Uzbekistan

## PROJECTS

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**Anor** | Golang, htmx, \_hyperscript, PostgreSQL, Redis, Typesens, Stripe.

- Developed a full-stack ecommerce application in Golang.
- Implemented end-to-end user flow: homepage, product listings, search functionality, product details, shopping cart, multi-step checkout, and Stripe payment integration.

**ocpp** | Golang

- Implemented both OCPP 1.6 and 2.0.1 versions using Websocket and goroutines.

**go-typesense** | Golang | Typesense Go Client

- Developed a robust Go client library for Typesense, a fast and typo-tolerant search engine.

## SKILLS

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<b>Programming</b>	Golang, Python, SQL, JavaScript
<b>Technologies</b>	Linux, Docker, Kubernetes, PostgreSQL, MongoDB
<b>Web &amp; Networking</b>	REST APIs, gRPC, WebSocket, NATS, Traefik
<b>Frameworks</b>	Echo, Gin, htmx, FastAPI
<b>Soft Skills</b>	Fast learner, Team player, Altruistic, Problem solver