

Alisher Muzaffarov

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Backend Engineer

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EXPERIENCE

- **Conun Global** Seoul, Korea
Backend Engineer *Feb. 2023 - Present*
 - Collaborating in the ongoing development of the OceanDrive decentralized storage solution, utilizing gRPC protocols to facilitate efficient communication between system components
 - Designed and implemented an auth microservice and a search system using Typesense within web servers developed with Golang, thereby enhancing system performance and user experience.
- **Koolsign** Seoul, Korea
Software Engineer *Sep. 2021 - Feb. 2023*
 - Implemented OCPP and developed a CSMS in golang, used NATS library for interconnection with other servers
 - Set up the company's first on-premise Kubernetes, enhancing with database, file storage, monitoring and backup solutions
 - Created an OCPP CSMS server with Python and secured the OCPP license for the company
 - 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

- **University of Ulsan** Ulsan, Korea
Master of Science in Computer Science; GPA: 3.95 *Mar. 2019 – Jul. 2021*
- **National University of Uzbekistan** Tashkent, Uzbekistan
Bachelor of Science in Physics; GPA: 3.51 (78/100) *Aug. 2011 – July. 2015*

PROJECTS

- **ocpp** : Go package that implements both OCPP 1.6 and 2.0.1 versions

PROGRAMMING SKILLS

- **Languages:** Golang, Python, SQL, Javascript, Java.
- **Technologies & Frameworks:** Docker, PostgreSQL, MongoDB, Kubernetes, Traefik, WebSocket, Gin, NestJS, Sanic.