

Barkhayot Juraev

Email: barkhayotoff@gmail.com LinkedIn: [barkhayot](#) GitHub: [barkhayot](#)

SUMMARY

Software engineer with 2+ years of experience in back-end development with designing and implementing scalable, cloud applications and microservice-based distributed systems using various technologies.

EXPERIENCE

Neulpum Maru — e-commerce platform in South Korea

Hybrid, Seoul - South Korea

• Software Developer at Development Team

Mar 2023 — Present

Python JavaScript Docker AWS PostgreSQL Celery Redis

- Design and implement data scraping mechanisms using Python and web scraping services for data collecting and analysing
- Developed a secure back-end API integration for custom order service, enabling real-time data fetching and processing.
- Implemented CSM system by distributing multiple services and integrating background workers using Celery and Redis.
- Utilized Amazon Web Services (AWS) including EC2, S3, and RDS PostgreSQL for deployment of applications.

Dirilis Group INC — Innovative IT Solutions Provider

Remote, Chicago - USA

• Backend Developer at Development Team

Jan 2023 — Mar 2023

S3 MySQL Docker AWS Lambda DynamoDB Serverless Microservice

- Implemented API integration using Python AWS Lambda functions (Serverless) by storing Data to DynamoDB on AWS
- Serviced Cron based jobs by scheduling tasks form AWS lambda functions
- Worked with Frontend Team to connect API callbacks from AWS API-Gateways from integrated data

Papamarket — e-commerce platform in South Korea

Seoul, South Korea

• Software Engineer at IT Development Team

Jun 2022 — Mar 2023

Python S3 PostgreSQL Docker Ubuntu EC2 Distributed Systems Databases

- Designed and Implemented a scalable Order Demand Forecasting system using Django, PostgreSQL and real-time data integration for improved predictions
- Developed micro-services for Warehouse Management System, reducing Fresh Team workload by 30% and implementing real-time product quantity tracking service
- Built internal services for automation, data fetching, web scraping and data parsing services using Python and JavaScript
- Implemented CI/CD pipeline using Jenkins, and Github actions

Keimyung University, Daegu — Outsourcing for Tech Companies

Daegu, South Korea

• Backend Developer at Development Team

Mar 2021 — May 2022

JavaScript Python Docker AWS JWT Go Databases

- Developed (HelpMeUp) Social Platform by bringing several services to solve problems of students during their semesters
- Applied monolith design architecture and built RESTful APIs by storing relational data to SQL Database and AWS cloud
- Developed and maintained 10+ web applications by using Python and Go programming languages
- Built Clone of the Student Management System of University by bringing more soluble solutions to the system
- Created CRUD based RESTful APIs with JWT authentication methods by using Gin Framework of Golang.

SKILLS

Languages: Python, JavaScript, Go, C#, SQL

Frameworks: Django, FastAPI, Flask, NodeJS, ExpressJS, ES6, JQuery, SpringBoot, Gin, PostgreSQL, MySQL, SQLite3, H2

Others: Docker, Kafka, Jenkins, Linux, AWS, Unity Game Engine

EDUCATION

• Bachelor of Engineering in Game Mobile Engineering, Keimyung University

Mar 2020 — Jul 2023

Relevant courses: Operating Systems, AI in Game Development, Distributed Systems, Databases, Web Development, Algorithms, Data Structures, Data Communication, Object Oriented Programming, Networks

ADDITIONAL

- Languages:** English, Russian, Korean, Uzbek
- Volunteering:** Mentored and reviewed homework assignments at Coding School (KMU) programming for beginners
- Awards:** Best English Translator and Guide of IT Development Team (Papamarket)
- Certifications & Training:** Online Courses in System Design, Microservices, Distributed Systems (Udemy & Coursera)