Aliko Beraia

Location: London, UK

LinkedIn ↗ | GitHub ↗ | Leetcode ↗   Email: aliko.beraya@gmail.com | Mobile number: +44 7845 21 3534

Junior developer with expertise in backend

I am a young programmer interested in backend development. I have hands-on experience with programming languages such as Python and Golang and databases(PostgresSQL,MySQL).Beyond my technical skillset, I bring a solid understanding of finance and machine learning, thanks to my academic background and prior projects in computer vision. I'm enthusiastic about cloud-native architectures, cybersecurity, and automation, and I'm keen to explore these further in an environment where adaptability and cross-project collaboration are key.

Technical Skills

Programming Languages	:	Python, Golang, Pascal, C, C++, Assembler
Databases	:	PostgreSQL, MySQL
Dev Tools	:	Visual Studio Code, Git, Gitlab, Docker, k6

Work Preferences

I am available to work 40 hours per week and am based in London, allowing for on-site work in most cases. I am also open to relocation.

Education

Financial University under the Government of the Russian Federation	Moscow, Russia
Bachelor in Applied Mathematics and Computer Science	September 2020 – May 2024
City St George's, University of London	London, UK
MSc in Software Engineering with Cloud Computing	September 2024 – October 2025

Work Experience

Laboratory of Computer Vision	Python, OpenCV, Torch	February 2024 – May 2024
Lab Assistant		Financial University

- Assisted in developing computer vision algorithms for tasks such as object detection, image segmentation, and classification.
- Analyzed experiment results to evaluate the efficiency of implemented algorithms.
- Conducted experiments with real-world image datasets to test algorithm performance.

Electric Vehicle Charging Platform	Golang, OAuth, MySQL, React, Stripe	September 2024 - December 2024
Backend Developer		Future Fuelling

- Volunteered to developed a full-stack EV charging platform for 10,000+ users, enabling real-time discovery, reservations, and secure payments with JWT authentication and seamless OAuth integration.
- Optimized 500,000+ charging station records from OCD with AWS RDS.

Projects

Project 1: Banner Service	Golang,Docker,Redis,Postgres,K6	Source ↗

- Developed a service allowing banners to be retrieved and modified based on set queries
- Created a registration and authentication system.
- Conducted load testing to determine the server's maximum load capacity.

Project 2: Link Shortener Microservice	Golang, Docker, gRPC, Postgress	Source ↗

- Designed and implemented a vertically scalable link shortener service with dynamic database configuration for flexible deployment and maintenance
- Developed a robust and production-ready API for link storage and retrieval, utilizing gRPC and REST for cross-platform compatibility.
- Configured the server architecture to support seamless deployment of both HTTP/1.1 and HTTP/2.0 servers.

Certificates

- [Course "Introduction to Databases" by HSE and SPbPU](#) ↗
- [Big Data Course "Career Accelerator.Byte" by Gazprombank](#) ↗
- [Course "Neural Networks and Computer Vision" by Samsung](#) ↗
- [Course "Algorithms Training 4.0" by Yandex](#) ↗
- [Course "Learning Docker" by Linked Learning](#) ↗