






David Shainidze

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As a backend software engineer with more than 3 years of professional experience, I have a strong foundation in Go and Python programming languages. I am passionate about code optimization, performance enhancement, and implementing best practices in software and architectural design, particularly in the development and maintenance of microservices and monoliths.

Work Experience

Go Software Engineer | Sorint Lab 

Apr 2023–Present | Full-time

- Onboarding

Key Software Engineer | Epam Systems 

May 2022–Apr 2023 | Full-time

- Made architectural and software design decisions for the ERP solution with more than 200K users.
- Picked up React in 2 weeks for leading the Frontend team (2 Engineers) the Backend team (2 Engineers).
- Rewrote on-premise legacy system from Django & vanilla JS to Go & React and scaled up on AWS.

Backend & Machine Learning & Data Engineer | Making Science 
Go Engineer

Jan 2020–Apr 2022 | Full-time

- Developed high-performance and scalable RESTful web services for Facebook and Twitter-like social networks.
- Redesigned and developed the microservice for GBs of text data processing to make it approximately 10 times faster and memory-efficient using parallel programming.
- Wrote unit and integration tests with more than 85% code coverage.
- Improved several microservice start times in the dev and test environments almost 2 times.

Data & Machine Learning Engineer using Python

- Designed, trained, and developed Dockerized, production-ready OCR Machine Learning Models using Google Cloud Platform & Matlab for the KWC system used by several Georgian micro-financial organizations and banks with up to 2 Million users combined.
- Developed, maintained, and optimized RESTful API for GBs of data ETL process automation on GCP.

Teaching Experience

Data Analytics & Python Lecturer | OL Academy 

May 2022–Present | Contractor

- Designed and created a course about Data Analytics with Python from scratch.

Python Lecturer | GeoLab 

Oct 2021–Jan 2022 | Contractor

- Introduced and integrated the project-based learning model, dramatically increasing students' performance.

Education

Business and Technology University 

Tbilisi, Georgia

Bachelor of Computer Science

2019–2023

In Short


- **Tech Stack:** Go (Main), Python (Main), C, Java, Solidity, JS, SQL & NoSQL DBs, GORM, Gin, ENT Go, gRPC, RabbitMQ, Redis, React JS, Django REST Framework, GCP, AWS, Docker, Kubernetes, Kibana, Logstash, GIT, GitHub, GitHub Actions, CI/CD, UNIX SHELL, BASH, Competitive Programming, Algorithms, Data Structures, Asymptotic Analysis, Discrete Mathematics, Single & Multi-Variable Calculus
- **Interests:** Backend, Distributed Systems, Blockchain, DevOps, Chess, Workout, Football, Startups, Communities
- **Languages:** English - B2, Georgian - Native

Volunteering

Google DSC Lead | Google Developers 

Aug 2022–Present

- Organized the biggest developers event in the world - Google DevFest '22

Community Lead | GoLang Developers Georgia 

Sep 2021–Present

- Leading Georgian Go developers community
- Organizing monthly Go meetups in the local communities - **GopherTalks**