Dima Glushkov
Software Engineer

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Location: Batumi, Georgia

Summary

Experienced software engineer with an empathetic, collaborative, and solution-focused mindset. I am curious about open-source, competitive programming, and complex systems. I strive to tackle challenging problems and deliver innovative user-oriented products

Work experience

Platform Engineer   Jun 2022 – Oct 2022
Deta - cloud provider • full-time

• Designed and developed a logging system for cloud-deployed user applications using AWS Lambda extensions and AWS SNS, efficiently handling the logs of 10s of thousands of users
• Contributed to the design and development of a new authentication and authorization system (using Golang), resulting in a powerful and secure way for users to share their resources
• Optimized and covered an existing code base with tests, increasing the project test coverage by 60%
• Implemented well-documented and test-covered API functionality using the Golang Echo framework, extending platform features

Backend Software Engineer   Jun 2021 – Feb 2022
Ipoteka+ - mortgage offers aggregator • full-time

• Participated in meetings with the stakeholders to convert their business ideas into technical requirements, creating a solid understanding of the domain and business needs
• Applied best DevOps practices, built the project CI/CD pipelines (GitHub Actions), staging and production environments (Docker, Docker Compose), creating safe testing processes and significantly improving shipping time
• Designed and implemented an architecture (using Golang, Nginx, and Postgres), and launched the project, satisfying the business needs

Software Engineer   Feb 2020 – Jun 2021
Okko - online-cinema • full-time

• Designed and implemented a service that uses internal recommendation system to generate and send personalized emails, providing unique movie suggestions to 10 million users every week
• Developed microservices for domain-specific data collection using Python (BS4, Selenium, Pandas) and collaborated with ML-engineers to use this data in the recommendation system, enhancing the quality of movie suggestions by 3%
• Refactored and optimized SQL queries and analytics-related Python scripts, resulting in a 15% performance boost on average

Backend Developer   Nov 2018 – Feb 2020
High Quality Hiring - hiring platform • full-time

• Researched specifics of the recruiting process in the IT field, generating a list of feature ideas for the product
• Gathered and led a team of 5 engineers, creating a comfortable working environment
• Participated in the design and development of a backend (written in Python and Golang), delivering a stable and performant system

Education

Async architecture • Tough developers school   Oct 2022
Bachelor of Computer Science • ITMO University, Saint-Petersburg   2017 – 2021

Skills

• Golang, Python, C
• PostgreSQL, Oracle, SQLite, MongoDB, Redis
• Git, Jenkins, Github Actions, AWS, GCP, Kafka
• Linux, Nginx, Docker, Docker-Compose, Kubernetes
• Networking, OSI model, gRPC, REST
• Algorithms and data structures, concurrency, distributed systems
• Domain-driven design, microservice architecture, software-design patterns
• TDD, unit testing, integration testing

Publications & Certificates

• HackerRank "Problem Solving (Intermediate) Certificate"   3 May 2022
• HackerRank "Rest API (Intermediate) Certificate"   3 May 2022
• HackerRank "Go (Intermediate) Certificate"   2 May 2022
• "IT employment processes research", X Congress of Young Scientists   3 Jun 2021
• Gophercises practice course certificate   7 Jan 2019

Projects

solutions   Automated (Python) storage for my Golang solutions to competitive programming problems (leetcode, codeforces)
visual sorting   In-browser visualization of the most popular sorting algorithms (JavaScript)
go chat   Terminal-based client-server text chat application implemented with Golang, gRPC, and TCP