Leonid Zharikov

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Experience

Golang Software Engineer	**Quadcode**	July 2021 – November 2023

- Designed and implemented analytics systems for web page traffic, enabling effective A/B testing and enhancing conversion rates by 10.95%.
- Transitioned a marketing application from traditional server setups to a Kubernetes environment, achieving a 52% annual savings in server maintenance for the team.
- Enhanced system reliability by refactoring the integration code from Scala to Go for AppsFlyer, decreasing urgent incidents and yielding advertising cost savings of over $300,000.

Lead Software Engineer	**IMMO**	October 2016 – July 2021

- Engineered a high-availability content delivery network leveraging S3, enabling the organization to expand its operations into additional markets.
- Directed the technical transition from a PHP-based architecture to a more efficient Go-based microservices environment, achieving zero downtime and a significant server load reduction.
- Led a development team of five to create a robust B2B platform, currently supporting over five million active users with high stability.
- Played a key role in the architectural development of new services that boosted global B2B sales by 26%.
- Introduced advanced monitoring and logging practices, including Prometheus, Grafana, and ELK stack, alongside an Alertmanager-based incident notification system, significantly enhancing infrastructure reliability.
- Built a dynamic internal administration tool with Angular, streamlining the process for rapid hypothesis testing and validation.

Leadership and Awards

- Led the development of a new system that significantly increased the business growth of the IMMO company.
- Created a Telegram extension that improved user interaction, winning "HACK.MOSCOW V3.0 2019" and being acknowledged by Major League Hacking.
- Developed spam detection techniques in email analysis, winning first place at Mail.ru Group's "SmartMail Hack 2018".
- Received the top innovation prize at "Unblock Hackathon 2018" for developing a new cryptocurrency marketplace platform.

Education

Master's degree, Computational and Applied Mathematics	September 2017 – June 2019

Bauman Moscow State Technical University

Bachelor's degree, Computational and Applied Mathematics	September 2013 – June 2017

Bauman Moscow State Technical University

Skills

Hard skills: Golang | JavaScript/TypeScript | React | Angular | Linux | Docker | Kubernetes | PostgreSQL | ClickHouse | Greenpalm | Redis | Memcached | RabbitMQ | Kafka | Rust | C/C++ | CSS | HTML | Python | C# | PHP

Soft skills: Creativity | Troubleshooting | Leadership | Collaboration