

SERGEI BOZHKO

+49 (176) 55-247-894 | Dresden, Germany

✉/sergeibozhko.dev@gmail.com | [in/sergeibozhko](#) | [G/sbazhko](#)

ABOUT

Backend Engineer with **6+ years of experience** designing and building scalable distributed systems for hundreds of thousands of users. Worked on large-scale products as a part of stream-aligned and infrastructure teams. Lead the development of features end-to-end, from collecting product requirements to establishing CI/CD, and building infrastructure. Expert in software development with **Go**, **TypeScript**, and a **certified AWS Solutions Architect**. Author of a [tech blog](#) covering different software engineering topics.

SKILLS

Languages/Platforms: Go, TypeScript, JavaScript, Node.js, Python
Clouds: AWS (Kinesis, Lambda, Fargate, S3, EC2, Cloudwatch)
DevOps Tools: Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, DataDog, Prometheus, Grafana
Databases: PostgreSQL, DynamoDB, Redis
Other: gRPC, JWT, OAuth, GraphQL, RESTful API, Microservices, Kafka, Highload, Databricks, PySpark

EXPERIENCE

Software Engineer Feb 2022 – Present (3 years)
[GoTo](#) (ex. [LogMeIn](#)) *Remote, Germany*

- **Developed** the core [GoToResolve](#) module for device metric collection and **deployed** data processing platform from scratch, supporting **more than 500,000 devices**. Further enhanced it with multi-schema support and data compression features, **cut operational costs by 30%**.
- **Implemented** a feature flags system that enabled robust releases to accommodate breaking changes, resulting in **reduced the downtime to 11%**.
- **Developed and integrated** a REST API for device anomaly detection and scheduling using Golang and AWS Lambda, collaborating with multiple teams.
- **Created** a validation framework for anomaly detection, using Python and Databricks, **boosted accuracy by 38%**.
- Migrated [GoToMeeting](#) distributed test framework to Kubernetes, **increased test execution speed by 10x**, while ensuring smooth transition of downstream teams.

Backend Engineer Feb 2020 - Dec 2021 (1.8 years)
[JustWatch](#) *Berlin, Germany*

- **Developed** end-to-end features for marketing campaign management involving the creation of REST API (Golang), ensuring data consistency (PostgreSQL), and building new frontend components (Angular), resulting in a **60% increase in marketing team performance**.
- **Optimized** invoice and financial report generation algorithms, by closely collaborating with CFO and customers, **reducing processing time by 3x times**.

Software Engineer Feb 2018 - Sep 2019 (1.6 years)
[EPAM](#) *Saint Petersburg, Russia*

- **Developed** advanced search, filtering, and reporting features for an internal employee management platform
- **Designed and integrated** a testing strategy for the invoicing system into the CI pipeline, **achieving 80% test coverage** of the backend.
- **Improved rendering performance by 40%** and **accelerated search functionality by 24%** with database querying optimizations.

EDUCATION

Master of Science, Distributed Systems, 1.1/1.0 GPA, Dresden University of Technology
Bachelor of Science, Software Engineering, 4.8/5.0 GPA, St. Petersburg State Electrotechnical University

CERTIFICATIONS

- [AWS Certified Solutions Architect](#)