

Zamir Jamalov

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SUMMARY

Experienced Go developer adept at building scalable microservices and RESTful APIs. Skilled in deploying applications with Docker and Kubernetes. Strong understanding of concurrency and testing. Committed to continuous learning and collaboration in multicultural teams.

PROFESSIONAL EXPERIENCE

Go Developer /City Service Urban Order Link

05 / 2020 – Present

- Developed high-performance microservices in Go, leveraging its concurrency model to achieve a 30% improvement in system throughput.
- Implemented RESTful APIs using popular Go web frameworks like Gin and Echo, resulting in a 20% reduction in development time.
- Utilized Goroutines and Channels for efficient concurrent execution, optimizing resource utilization and achieving a 15% reduction in latency.
- Integrated GRPC for seamless communication between microservices, improving response times by 25%.
- Built resilient database systems with Go, interfacing with PostgreSQL, MongoDB, and Redis, and ensuring data integrity with robust security measures.
- Employed Go's built-in testing capabilities for unit tests and integration tests, achieving a 95% defect reduction rate and enhancing code quality.
- Containerized applications with Docker and managed deployments using Kubernetes, fostering collaboration with DevOps teams for smooth software delivery.
- Applied Git version control best practices, leveraging GitLab CI/CD pipelines to automate builds and deployments.
- Implemented message queue systems like RabbitMQ and Kafka for asynchronous communication, leading to improved system responsiveness and reduced coupling between services.
- Established real-time system monitoring with Prometheus, Grafana, and ELK stack, providing actionable insights and reducing incident response times by 40%.
- Utilized AWS services such as EC2 instances, S3 storage, and Lambda functions, leveraging Terraform for infrastructure provisioning and management, resulting in a 50% cost reduction and streamlined provisioning process.

EDUCATION

Harvard University, BSc Computer Science

2022 – Present

Baku State University, BSc Applied Mathematics

2000 – 2004

ADDITIONAL ACTIVITIES

- Dev/DB-Educator (11/2019 – Present)
- Dev-Blogger (01/2016 -Present)

LANGUAGES, TECH SKILLS

• **Languages:** Russian - B2, English - B2, German - A1

• **Tech skills:** Go | Concurrency Patterns | Web Frameworks | Security | Postgre | MongoDB | Redis | REST | GRPC | Testing | Deployment | Version Control | Message Queues | ELK | AWS | Terraform