Timur Devlet
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Software Engineer

Summary

10 years of experience in software design, development, testing, integration and delivery of high load service. Created and supported services in Go, JavaScript, PHP. Deployed and supported high-load web-services in AWS, Azure, GCP. Last 4 years mostly Golang. Writed clean, maintainable, performant code to implement new features and fix bugs.

Skills

- Golang, JavaScript, PHP
- CLI, API, REST, gPRC
- AWS, Azure, GCP
- Postgres, Kusto, Clickhouse, BigTable, Redis, Kafka
- Docker, Kubernetes
- Highload projects (950 retal stores, 450 orders per minute)
- CICD Github/Gitlab

Work Experience

Senior software engineer, dodobrands.io

October 2022 – Now

Project: Proprietary cloud-based ERP system (950 retail stores), which covers almost every part of Dodo pizzeria business (from powering mobile app, website and contact center to providing tools for kitchen workflow management and sales analytics).

Worked with technologies such as Go, Javascript, Azure, MySQL, RabbitMQ, Kafka, Redis, Docker, Kubernetes, Terraform, Terragrunt, Elasticsearch, Grafana and Prometheus

Accomplishments**:**

- Collaborated with Product and Business to plan half-years roadmaps and prioritize new feature development.
- Improved the scalability, maintainability and availability of critical api's (99.90 -> 99.95).
- Developed code generation tools to speed up the integration of new functions and APIs.
- Implemented service to clear unused Kubernetes namespaces to save on cloud compute resource.
- Reduced load to MySQL database by 70% by implementing an in-memory cache solution.
- Lowered developer toil by creating a CLI tool to automatically deploy services to production. Created stateful CLI backend with gRPC.
- Decreased error rate in docker image synchronization tool.
- Improve CICD pipelines.
- Migrated from RabbitMQ to Kafka.

SRE Engineer, cube.dev

April 2022 – October 2022

Project: Cube private cloud Infrastructure. Kubernetes on GCP / AWS / Azure

Worked with technologies such as Go, Javascript, Python, AWS, GCP, Azure, MySQL, Docker, Kubernetes, Terraform

Accomplishments**:**

- Created a service that calculates the customers' cloud usage cost in realtime.
- Created a tool that auto deploys private cloud infrastructure for the customers.
- Added auto scaling feature to cluster configuration service.
- Improved CI/CD pipeline, maintained staging environment.
- Documented implemented technologies and application functionality.

Full stack software engineer, Citymobil

September 2021 – March 2022

Project: Uber-like car sharing service.

Worked with technologies such as Go, PHP, Javascript, MySQL, Postgres, Kafka, Rabbit

Accomplishments**:**

- Designed and implemented a new data processing microservice in Golang.
- Designed and implemented producer/consumer design using Kafka.
- Implemented new futures in legacy PHP monolith.
- Migrated multiple features from PHP monolit into Go microservices.

Full stack software engineer, Agro24

May 2016 – July 2021

Project: Food trading platform, billing service, price monitoring application.

Worked with technologies such as PHP, Javascript, MySQL, Postgres, Rabbit, CICD, Kubernetes, Clickhouse, Cassandra, single page applications (SPA), VueJS, HTML, SASS

Accomplishments**:**

- Architected and developed a price analytics platform that can analyze more than 500 million unique prices per day.
- Achieved minimum 75% unit test coverage.
- Rewritten slow code in Go. Replaced slow SQL DB with ClickHouse NoSQL solution.
- Deployed Kubernetes cluster (saved ~ 70% of nightly compute budget).
- Achieved 99.9 uptime on 40+ servers with dedicated k8s cluster.
- Implemented CI/CD pipeline using Docker/K8S/Ansible/Python.
- Configured monitoring system using TICK and Grafana.

Education

2012 Bauman Moscow State Technical University Sep 2006 – June 2012

Master's degree, Automatic Information Processing and Control Systems