

Highly skilled and motivated Golang developer with more then 6 years of experience in designing, developing, and deploying scalable backend systems and microservices. Proficient in modern software development practices, including RESTful APIs, cloud-native applications, and containerization. Passionate about writing clean, efficient, and maintainable code. Strong problem-solving skills and a collaborative team player.

EXPERIENCE

Key Developer

01.03.2024 - Till Now

EPAM

Project Description

Managed Services global project. Support and Engineering.

Responsibilities

- Designed and implemented high-performance GraphQL APIs using Golang to enable efficient data querying and manipulation for analytics.
- Optimized GraphQL resolvers and database queries to ensure low latency and high throughput for data-intensive applications.
- Implemented authentication and authorization mechanisms JWT to secure GraphQL endpoints and protect sensitive data, using claims.
- Wrote unit and integration tests to ensure code reliability and maintainability.
- Participated in agile development processes, including sprint planning, daily stand-ups, and retrospectives, to ensure efficient project execution and delivery.

Go Developer

06.03.2023 - 31.12.2023

EPAM

Project Description

Merchant Solutions is a strategic initiative focused on migrating the existing Midigator product, a comprehensive suite of tools designed for merchants to handle post-auth fraud management, dispute prevention, and dispute handling, from AWS to GCP's GKE platform, while simultaneously integrating and adopting industry-leading software engineering and cyber security standards.

Responsibilities

- Developed core libraries and utilities in Go to standardize microservice development, facilitating easier integration, deployment, and maintenance.
- Created and maintained technical documentation for the project to ensure that all technical details and processes were thoroughly documented for present and future reference.
- Developed chi-based HTTP API services, integrated with Spanner DB, and utilized Pub/Sub for real-time data processing.
- Orchestrated integration tests using Docker Compose and advocated for the incorporation of the Testcontainers.
- Successfully navigated the service through the Continuous Integration (CI) process ensuring seamless integration and deployment.
- Improved the codebase quality by integrating linters into SonarQube for enhanced Golang static code analysis, conducting thorough code reviews, enforcing good programming practices, and maintaining key tools for efficient CI/CD.
- Implemented security measures by registering and integrating scanners within the CI pipeline, including Fortify, Twistlock, SonarQube, and NexusIQ.

Key Go Developer

05.07.2022 - 06.03.2023

EPAM

Project Description

Supporting P&G Cloud CoE Team in Poland

Responsibilities

- Developed RESTful APIs for parsing terraform scripts files on Go.
- Handling messages from ServiceBus and orchestrate executions in inner Service Now system.
- Integrated external web services on Azure Functions between our app and client solutions.
- Provided actual project documentation.
- Developed and executed test plans, test cases, and test scripts to ensure software quality and functionality.

Go/Python Developer

21.01.2022 - 05.07.2022

EPAM

Project Description

Completed a project called telegram-q&a-bot as part of the "Switch to Go Training Program". This project involved using PostgreSQL and Elastic search to find answers to specific questions.

Apart from this, I also dedicated my time to self-study Python in the Big Data under mentorship. As part of the program requirements, I developed a project that involved analyzing hotels across various cities and I gained significant knowledge on how to work with Data Bricks, create data frames, run experiments and learn models.

Responsibilities

- In my role, I wrote tasks on GoLang related to OOP, testing, Go data types, io-os context, databases, and concurrency on the AutoCode portal. Through this experience, I gained valuable insights and knowledge.
- I also developed my Python skills and created tasks related to functions, decorators, classes, code flow, testing, multithreading, and Python RSS-reader on the AutoCode portal. Moreover, I gained practical experience working with Apache Spark, Azure Blob Storage, and Hadoop.
- As part of my responsibilities, I created Spark ETL jobs to read data from a docker container images and deployed them on Azure Kubernetes Service (AKS). Used an IDE environment on a local machine for development and testing purposes.

PHP Developer

16.06.2020 - 21.01.2022

Brander

Project Description

The company provides a full range of web development and mobile application development services. My projects were on CMS Magento 1 and 2 versions, Wordpress, Yii2. Namely, the creation and support of online stores. Quite a few projects were completed:

Megapolis | InBus | AppleMania | Galante | WOG |

Responsibilities

- Developed and customized Magento 1.9, 2.x e-commerce websites, including theme development, module creation, and performance optimization.
- Integrated third-party APIs, payment gateways (e.g., PayPal, Stripe), and shipping solutions to enhance functionality.
- Optimized Magento stores for speed, scalability, and SEO, improving user experience and search engine rankings.
- Conducted website migrations, server configurations, and Magento version upgrades.

Oleksandr Lopatin

Software Engineer

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- Resume PDF

EDUCATION

Bachelor, Computer Science
National Aerospace University
"Kharkiv Aviation Institute"

Middle (full) general education, Computer Science Kharkiv Patent and Computer College 2012 - 2016

LANGUAGES

. ∐krainian (Native)

English (B1+)

INTERESTS

Learning new programming languages and frameworks

Participating in hackathons and coding challenges

Volleyball

- Conducted website migrations, server configurations, and Magento version upgrades.
- Designed and developed robust web applications using Laravel and Symfony frameworks, following MVC architecture.
- Implemented authentication and authorization mechanisms (e.g., JWT, OAuth2) for secure user access.
- Optimized database queries and managed relational databases (MySQL, PostgreSQL) for high-performance applications.
- Deployed applications on on-prem servers using GitLab runner server.
- Collaborated with frontend developers, designers, and stakeholders to deliver scalable and user-friendly solutions.

Wordpress Developer

16.03.2019 - 11.06.2020

Art Lemon

Project Description

The company provides a full range of web development and SMM services. My projects were on WordPress CMS. Namely, the creation and support of blog sites and online stores. Quite a few projects were completed:

Kyivstar | Blago | Hiitworks | Cronvest |

Responsibilities

- Designed, developed, and maintained WordPress websites, ensuring high performance, responsiveness, and scalability.
- Customized WordPress themes and plugins to meet client requirements.
- Integrated third-party APIs, payment gateways, and external services to extend website functionality.
- Optimized websites for speed, SEO, and mobile responsiveness, improving user experience and search engine rankings.
- Provided training and documentation to clients for easy content management and updates.

TECHNICAL SKILLS

Programming Languages:

- Golang
- Python
- JavaScript
- SQL
- C#
- PHP

Frameworks & Libraries:

- Gin, Echo, Chi
- Gorilla Mux
- GORM or SQLx (database ORM/query builders)
- sqlc, gqlgen, protobuf (codegen)

Databases:

- PostgreSQL, MySQL, SQLite
- MongoDB
- ELK
- Redis, Amazon DynamoDB
- CockroachDB

Cloud & DevOps:

- Docker, Kubernetes
- AWS (EC2, S3, Lambda, RDS), GCP or Azure
- Terraform, Helm
- CI/CD tools (GitHub Actions, GitLab CI, Jenkins)

Tools & Technologies:

- Git, GitHub/GitLab
- RESTful APIs, GraphQL
- gRPC, Protocol Buffers
- Message brokers (RabbitMQ, Kafka)
- Testing frameworks (Go testing, Testify)

Other Skills:

- Agile/Scrum methodologies
- Microservices architecture
- Unit testing, integration testing, and debugging
- Linux/Unix environments