

# Constantine Yachnyskyi

## Software Engineer

Proven Software Engineer with 5+ years of experience designing and developing distributed systems and scalable backend solutions. Skilled in hexagonal architecture, microservices, cloud-native development, and database optimization. Passionate about crafting robust architectures, driving system performance, and advancing game engine development. Open to remote opportunities worldwide to contribute to innovative and impactful projects.

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Constantine Yachnyskyi

github.com/yachnyskyi

## WORK EXPERIENCE

### Golang Software Engineer Capgemini Engineering

03/2022 - Present

#### Achievements/Tasks

- Designed and implemented backend features for a medical enterprise system, focusing on reliability and maintainability.
- Built core systems including pagination, Elasticsearch pipelines, filtering, ordering, and query helpers to streamline data retrieval and processing.
- Reduced crash rates by 40% through efficient debugging and proactive system improvements.
- Optimized database queries and service interactions, improving API response times by 25% and enhancing end-user experience.

### Golang Software Engineer PSPLine

02/2020 - 03/2022

#### Achievements/Tasks

- Developed modular backend services using Golang, ensuring scalability and adaptability for future system expansions.
- Increased test coverage from 75% to 95%, ensuring a robust and maintainable platform for financial transactions.
- Resolved critical system discrepancies, improving transaction accuracy and minimizing errors by 30%.

## PERSONAL PROJECTS

### Go Blog Platform

- Developed a scalable backend using Golang, gRPC, Gin, and MongoDB, adhering to Hexagonal Architecture principles.
- Implemented REST APIs supporting seamless CRUD operations for blog content, resulting in efficient user management and content delivery.
- Key Impact:** Enabled efficient content management for developers or blogging platforms.
- [bit.ly/golang-blog-platform](https://bit.ly/golang-blog-platform)

### Multi K8S

- Designed a Kubernetes-based system to calculate Fibonacci sequences, leveraging Docker, Kubernetes, Travis, and Google Cloud.
- Implemented CI/CD pipelines for automated build and deployment processes, achieving high availability and seamless scaling.
- Key Impact:** Demonstrated cloud-native application deployment, ensuring high availability and rapid scalability in containerized environments.
- [bit.ly/multi-k8s](https://bit.ly/multi-k8s)

## SKILLS

Golang	Rust
Python	MySQL
PostgreSQL	ELK
MongoDB	Redis
RabbitMQ	NATS
REST API	gRPC
GraphQL	JSON
CI/CD	Docker
Kubernetes	AWS
Elixir	Git
Flexibility	Communication
Teamwork	Confidence
Problem Solving	Self-management

## CERTIFICATES

Microservices with Node JS and React  
(01/2023 - 03/2023)

[bit.ly/microservices-with-node-js-and-react](https://bit.ly/microservices-with-node-js-and-react)

Docker and Kubernetes: The Complete Guide  
(09/2021 - 02/2022)

[bit.ly/docker-and-kubernetes-the-complete-guide](https://bit.ly/docker-and-kubernetes-the-complete-guide)

PostgreSQL: The Complete Developer's Guide  
(02/2021 - 06/2021)

[bit.ly/postgres-the-complete-developers-guide](https://bit.ly/postgres-the-complete-developers-guide)

Go: The Complete Developer's Guide (Golang)  
(01/2022 - 03/2022)

[bit.ly/golang-the-complete-developers-guide](https://bit.ly/golang-the-complete-developers-guide)

The Complete Developers Guide to MongoDB  
(11/2022 - 12/2022)

[bit.ly/the-complete-developers-guide-to-mongo](https://bit.ly/the-complete-developers-guide-to-mongo)

Redis: The Complete Developer's Guide  
(10/2022 - 12/2022)

[bit.ly/redis-the-complete-developers-guide](https://bit.ly/redis-the-complete-developers-guide)

The Complete Elixir and Phoenix Bootcamp  
(12/2022 - 01/2023)

[bit.ly/the-complete-elixir-and-phoenix-bootcamp](https://bit.ly/the-complete-elixir-and-phoenix-bootcamp)

## LANGUAGES

English  
Full Professional Proficiency

Russian  
Native or Bilingual Proficiency