



Egor Rudkov

Software Engineer | Golang, Python

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- 🌐 [Personal Website](#)

Profiles

- [in gren236](#)
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Languages

English	German	Russian
C1	A1	Native

Certifications

Algorithms Specialization

Stanford University

April 2024

[Show Certificate](#)

Mathematics for Engineers

Specialization

The Hong Kong University of Science and Technology

January 2024

[Show Certificate](#)

Mathematical Thinking in Computer Science (with Honors)

University of California San Diego

February 2022

[Show Certificate](#)

Skills

Software Architecture	Cloud Computing
Go	Python
TypeScript	SQL/NoSQL
REST/RPC API	Testing (TDD, BDD)
Docker	Kubernetes

Awards

Employee of the Year 2019

T-Systems International

December 2019

Innovation and technology 2019 nomination winner.

Summary

Golang developer with 9 years of experience in high-load microservices and secure solutions. Expert in cloud-native development and system architecture, with full-stack skills including TypeScript and Python.

Experience

Deutsche Telekom IT Solutions HU

Senior Software Engineer

October 2022 - Present

Budapest, Hungary

<https://deutschetelekomitsolutions.hu>

- Architected and launched new REST/gRPC microservices using Golang, Kubernetes, MongoDB and Docker, which introduced Telekom Security into a new business area.
- Increased cybersecurity teams productivity by 30% delivering a new AI solution with Angular and TypeScript, while ensuring secure backend features with Python and ChromaDB.
- Led system design and technical discussions, collaborating effectively with German clients and FAANG company partners.

T-Systems International

Senior Software Engineer

August 2019 - October 2022

Saint Petersburg, Russia

<https://t-systems.com>

- Delivered e-commerce applications using PHP, Linux, MySQL, and Docker, significantly enhancing sales for Telekom customers.
- Introduced a new service portal for a German region with PHP, SQL, Docker resolving a large government contract.
- Managed development environments with tools like Git, Vagrant, and Docker Compose, ensuring smooth deployment and integration for new team members.

Saint-Petersburg State University of Industrial Technologies and Design

Software Engineer/Lecturer

May 2017 - November 2023

Saint Petersburg, Russia

<https://sutd.ru/en/>

- Lectured on Algorithms, Programming, and Computer Science, enabling cohorts of students to successfully pass exams.
- Designed practical work tasks and exercises, guiding students through hands-on projects using Python, C++, GitHub Classroom, Visual Studio, and Moodle.

Self-employed (Upwork)

Ruby/Ruby on Rails Developer

January 2015 - December 2016

Remote

<https://www.upwork.com>

- Delivered web applications using Ruby and Ruby on Rails, focusing on scalable solutions.
- Integrated third-party APIs and optimized back-end processes with MySQL database systems.

Education

Saint Petersburg State University of Industrial Technologies and Design

Computer Science

2019 - 2021

Masters

<https://sutd.ru/en/>

Saint Petersburg State University of Industrial Technologies and Design

International Management

2015 - 2019

Bachelors

<https://sutd.ru/en/>

Projects

mockif

Mock generator for Golang tests

<https://github.com/gren236/mockif>

lambda-rss

AWS Lambda parsing a list of RSS feeds by schedule

<https://github.com/gren236/lambda-rss>