

# Malyutin Roman

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## SKILLS

Programming Languages: 

Go

Python

TypeScript

JavaScript

C

Bash

Databases: 

PostgreSQL

Redis

Clickhouse

pandas

Technologies: 

Docker

Podman

Kafka

Kubernetes

Jenkins

Gitlab CI

Sonatype Nexus

Postman

ExpressJS

GIN

Misc.: 

Linux

SQL

HTML/CSS

REST API

GraphQL

WebSockets

JSON

HTTP

DNS

TCP/UDP

Microservices

Spoken Languages: 

Russian (native speaker)

English (upper-intermediate)

Interests: 

Backend Development

DevOps

Web-Security

## EXPERIENCE

DevSecOps

Astra, SAST Department

- Golang applications vulnerabilities prevention.
- SAST integration via Gitlab CI/Jenkins.
- Utility tools development (Golang/Python).

Nov. 2023 - Jun. 2024

Moscow, Russia

DevSecOps

Samolet Development

- Security systems deployment and support.
- Scanners integration via Gitlab CI.
- Utility tools development (Golang/Python).

Jun. 2024 - Nowadays

Moscow, Russia

Backend Dev

Tonstarter

- TypeScript & Golang backend development.

Sept. 2024 - Nowadays

## EDUCATION

Bauman Moscow State Technical University

Specialist of Computer Security

Expected 2026

Moscow, Russia

School 21

Multidirectional programming institution

C

C++

Bash

Databases

Algorithms and Data Structures

Soft skills

DevOps

Aug. 2023 - Nowadays

Moscow, Russia

VK Education

Golang web services development | [Certificate](#)

Go

Async

REST

Web Security

PostgreSQL

MySQL

MongoDB

K8S

Docker

CI/CD

Microservices

Oct. 2023 - Dec. 2023

Moscow, Russia

## PROJECTS

Remote nmap scanner

PET project | [github.com/TheRealMal/golang-people](https://github.com/TheRealMal/golang-people)

Go

gRPC

protobuf

nmap

- Applications runs nmap with vulners.nse script remotely.
- Server receives nmap calls via gRPC API with target address & port.
- Client receives CVSS score & CVE name for target ports.

Oct. 2023

Moscow, Russia

Data enricher service

PET project | [github.com/TheRealMal/golang-people](https://github.com/TheRealMal/golang-people)

Go

PostgreSQL

Kafka

Redis

REST

GraphQL

GIN

- Application listens Kafka queue for new people data and enriches w/ data from public APIs.
- Adds enriched data to PostgreSQL database
- Redirects errors to another Kafka topic.
- Has REST API and GraphQL to manage database.
- Uses Redis to cache information.

Oct. 2023

Moscow, Russia

Sonatype Nexus tools

Internship at CryptoPro | [github.com/TheRealMal/nexus-manager](https://github.com/TheRealMal/nexus-manager)

Python

API

Nexus

Docker

- Tools for managing artifacts in Sonatype Nexus repositories
- Designed and coded using Python language, versions packed to .whl files for Linux installation & usage
- Can be configured for any nexus server, supports filtration for platforms and targets
- Supports multiple command line flags to specify script behavior

Aug. 2023

Moscow, Russia

## Telegram bot for reshipping service

Commercial project | [t.me/GlitchPayBot](https://t.me/GlitchPayBot)

Python Telethon

- User friendly telegram interface
- Admin control panel to manage rates, orders, statuses etc.
- Automatically parses banks/exchanges to update current rates

## CLI Python bot

PET project | [github.com/TheRealMal/TheRealMalAIO](https://github.com/TheRealMal/TheRealMalAIO)

Python Discord.py API CLI UI

- Imitates human behavior and generates messages based on discord channel messages.
- Automatically joins discord servers with some intermediate tasks: adding reaction to discord message, pushing buttons, sending necessary messages, solving captcha.
- API for authorization and message generation.
- Fully headless (All actions are made through requests w/o selenium etc.).

## Browser Extension

PET project | [github.com/TheRealMal/ExtensionTRM](https://github.com/TheRealMal/ExtensionTRM)

JavaScript HTML CSS API Browser Extension

- Automates user actions when waiting and buying limited items.
- Supports multiple sites and multiple profiles for user details.
- Bypasses site bot & fraud protection.

## Own services (Discord paid group)

Commercial project

Python REST Web Scraping Cuncurrency JavaScript ExpressJS OAuth2 Web Vulnerabilities WebSockets

- Developed restock monitors (web scrappers) for different websites.
- Did researches to find websites bot protection bypasses, queue bypasses, etc.
- Developed web-dashboard and automatic payment system for group subscription.
- Developed WebSockets API for CLI Bot (Authorization, users notification, secure some algorithms).

Jun. 2023  
Moscow, Russia

Jan. 2022 – Oct. 2022  
Moscow, Russia

Mar. 2022 – May. 2022  
Moscow, Russia

Jan. 2019 – Jun. 2022  
Moscow, Russia