

Kotlin Backend Developer

Zheglov Aleksey

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Projects: gitlab.com/Zheg

Personal site: zheg.ru



Skills

Kotlin | Java | Gradle | Spring Boot | Spring MVC | Ktor | Kafka | JUnit | Flyway | Liquibase | SQL | PostgreSQL | YDB | jOOQ | Hibernate | Git | Docker | Docker Compose | CI/CD | OpenApi Generator | Microservices | Algorithms and Data Structures | VPS | Unix | Debian | Bash | PowerShell | Nginx | Web | HTML | CSS | JavaScript | SEO

Achievements

- [Joker conf 2023](#) Yandex partner
- [Yandex Cup 2022](#) Backend and Algorithm tracks organizer
- 350+ [leetcode](#) solutions | [ICPC](#) quarterfinal participant
- [PedHack](#) winner | [CraftHack](#) and [DHHack](#) participant
- Published a thesis on a scientific conference [XXVII REEPE 2021](#)

Work history

- **Yandex Fintech**

Kotlin Backend Developer

Oct 2021 - Present

Done:

- Microservice for orchestrating all type of transfers with validation and saving payment orders
- Microservice for listing payment methods in use order with caching
- Integration with SRT system, that removes AFT fee for each transfer. That saves from 2% to 4% of each transfer amount.
- Intern mentoring

Technology stack: Kotlin | Ktor | Spring Boot | PostgreSQL | YDB | Kafka | Git | CI/CD | jOOQ | JUnit | OpenApi generator

- **Yandex Market**

Java/Kotlin Backend Developer Intern

June 2021 - Sept 2021

Done:

- Carcass for auto documentation tests
- Scripts for massive table migrations

Technology stack: Java | Kotlin | Spring Boot | Oracle | PostgreSQL | PL/SQL | Git | CI/CD

- **CKM Motion Tracking**

Software Developer

Apr 2020 - Apr 2021

Done:

- 2D Visualization Software for Skolkovo's VR-capsule stand
- 3D visualization Software for tracking devices

Technology stack: C# | Math.NET Numerics | Unity | Matlab

Projects

- **Lottery telegram bot**

Oct 2023 - Present

Kotlin Backend Developer

https://t.me/genshin_gems_bot

Bot for prize drawing with additional activities and "smart" reminding. There are bot monitoring in grafana with custom metrics.

Technology stack: Kotlin | Spring Boot | Gradle | SQL | PostgreSQL | jOOQ | Flyway | Docker | Gitlab | CI/CD | Telegram API | Bash

- **Home server**

Sep 2023 -

Present

Home server with many running self-hosted apps, such as: Portainer, Plex, qBittorrent. Grafana, Metube, Gramps, Flipt, Noisedash, Immich and some others. It's accessible from outside the home local network through nginx reverse proxy on VPS, even without a static ip on the home server.

- **Web site**

Jan 2023

Full Stack Developer

Site: zheg.ru

Personal site with managed CI/CD and SEO. Tech blog with simple description about technologies.

Technology stack: HTML | CSS | JavaScript | Nginx | Gitlab | CI/CD | SEO | Schema.org | Json-LD | Google Search Console | Yandex Metrika | Unix | Debian | Shell | VPS

- **Lottery aggregation telegram bot**

Nov 2022 - Feb 2023

Kotlin Backend Developer

<https://t.me/GenshinLotteryBot>

Bot for aggregation lotteries by specified theme. Could be easily extended for another topic just by changing the theme name in config.

Technology stack: Kotlin | Spring Boot | Gradle | PostgreSQL | jOOQ | Flyway | Docker | Gitlab | CI/CD | Telegram API | Bash | PowerShell

- **Web calendar**

Oct 2020 - Jul 2022

Backend Developer

<https://gitlab.com/appmat/language-tool-lab/calendar/calendar-core/>

Web service backend for scheduling events and meetings

Technology stack: Kotlin | Ktor | Exposed | Docker | PostgreSQL | JUnit | Liquibase

Education

- **Moscow Power Engineering Institute, Moscow**

Sep 2018 - Jul 2022

Bachelor of applied mathematics

GPA 4.78 / 5.00