

# Dmitrij Krutolianov *Senior Software Engineer*

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## Profile

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Senior full-stack developer with 5+ years of professional experience and a passion for simple solutions to complex problems

## Skills

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TypeScript	● ● ● ● ●	JavaScript	● ● ● ● ●
ReactJS	● ● ● ● ●	NextJS	● ● ● ● ●
Python	● ● ● ● ●	Django / rest framework	● ● ● ● ●

## Professional Experience

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Mar 2023 – present

### Senior Software Engineer, key developer

*Contractor at Google (employed by EPAM), Questionnaire project*

Stack: JavaScript, Lit element, Redux, Python, Flask, MySQL

- Created technical design for the frontend part of the project together with estimations, presented them to the customer
- Led the frontend team of 5 people implementing the project
- Cooperated with the backend to solve end-to-end issues
- The project was delivered on time and with a small number of bugs

2021 – 2023

### Senior Software Engineer, key developer

*Contractor at Google (employed by EPAM)*

Stack: JavaScript, Lit element, Redux, CanJS, Python, Flask, MySQL

Tools: Jira, Buganizer, CI/CD

- Refactored permissions flow on the frontend in the legacy project to fix a critical issue - server hangs for users with permissions for a lot of objects
- Quickly reproduced locally and fixed critical issue from production that was not reproducible on any dev/QA instances
- Interviewing people from the market on open positions

Feb 2019 – 2021

### Software Engineer

*Contractor at Google (employed by EPAM), gHub project*


gHub - application to manage audits across multiple company jurisdictions. It has 5+ different object types and a Gantt chart showing 3 of them simultaneously.

- Quickly learned SVG and d3.js library to add Gantt chart for 3 related object types. Filled object bars with gradient color based on the status of related objects
- Add drag selection to the Gantt chart to allow users to change multiple objects simultaneously
- Implemented objects filter for Gantt chart by 9 attributes from 3 related object types
- Presented demos to the customers

Jun 2023 – Sep 2023

### Side project - trip time booker

Application to automatically book time in the google calendar for traveling to the event location


Stack: NextJS, Cloud Firestore, docker, tailwind css  
Sources: <https://github.com/dimadk24/trip-time-booker> 

2021 – 2022

### **Side project - english fight**

Embedded app for English language vocabulary training. In the game, users select the correct translation for the word. There is a WebSocket-based multiplayer.

Stack: Django, Django rest framework, ReactJS, MySQL, Redis, docker, docker compose, sentry.io for monitoring.

Sources: <https://github.com/dimadk24/english-fight/> 

Stats: 400+ people have visited the app, 360 users have started >3600 games in total

Jan 2018 – Dec 2018

### **Freelance Software Engineer**

In total developed 10 projects from simple scripts to complex web services.

One of the projects was "Hot Dog" SMM automation app:

Application to bulk remove deleted accounts from groups in a social network. I led the entire project team of 4 developers (both frontend and backend).

Stack: React, Django, Django rest framework, celery, RabbitMQ for async tasks (removing accounts)

Applied async tasks on the backend for cleaning not to block frontend requests for long-running tasks and be able to get cleaning progress on the frontend side

## **Languages**

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**English**

B2



**Russian/Belarussian**


Native



## **Courses**

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Sep 2018 – Feb 2019

**JS / Frontend development** 

*The Rolling Scopes School, <https://rs.school/js>*

Took 3rd place in the score out of >1300 people initially registered for the course

## **Education**

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2015 – 2019

Minsk, Belarus

**Computer Science college degree**

*Minsk Radioengineering College (branch of BSUIR)*