

Monica dill

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Senior Software Developer (Python developer )

[agrm1.github.io/me/](https://agrm1.github.io/me/)

For more than 5 years I develop software with an urge to help people solve their problems. I develop product rather than close issues.

Proactivity, empathy, focusing on the product result, end-user experience, and runtime stability these are the qualities I value most both in colleagues and myself. Do we match?

Skills summary

Pro-level Backend development [Python/Django/asyncio/PyTest, PostgreSQL, Docker]

Mid-level Kubernetes, Elastic Search. Mentoring. Team leading

Languages English (fluent), Russian (mothertongue)

Professional Experience

20212021 BestDoctor, Senior backend dev in the medical insurance sphere.

Python/Django/PyTest, Docker, zero-code intergrations

(cid:123) Implemented multiple features in a huge Django Admin with a bit of JS

(cid:123) Solved a problem by a paid service instead of a month of coding from scratch

20202021 Domclick (Sberbank), Tech lead and backend dev in a new buildings storefront.

Python/asyncio/FastAPI/PyTest, Docker, Kubernetes, PostgreSQL, Elastic

(cid:123) Improved stability, performance, test-coverage and architecture of several micro-services

(cid:123) Introduced SRE practices (monitorings, safe migrations) and processes on keeping them go

(cid:123) Improved work processes, e.g. made scrum work as much as it was possible.

(cid:123) Closely worked with the product manager (designed principal implementations; helped to fit features to sprints)

20182020 Yandex, Backend development in the intranet department.

Python/Django/Celery/PyTest, Docker, PostgreSQL/YQL

(cid:123) Worked with more than 10 projects, mainly with the internal hiring system.

(cid:123) Increased Yandex employee hiring rate and decreased leaving rate by developing reference giving system and employee rotation system

(cid:123) Launched a negotiation service. Designed a state machine for creating a new negotiation.

(cid:123)

LeadedmigrationtoanewPaaS.Improved5affectedlibs/tools,migrated3projectsmyslf,manag  
edmigration

of 10 other projects.

(cid:123) Mentored in Yandex Backend Development school

20162017 ARCCN, RnD in the field of Software-Defined Networking.

(cid:123) Developed of a link state monitoring system (C++, Python. BFD, OpenFlow protocols)

(cid:123) Designed a rule caching system for OpenFlow software switches (C, Intel DPDK. P4 protocol)

#### Education

20142018 Bachelor of Computer Science, Moscow State University.

Department of Computational Mathematics and Cybernetics

#### Publications and teaching

2021 "Developing backend using Django," an online course author and lecturer:

2021 "The way I develop software," an article on Medium [RU]:

2017

"UsinghashfunctionstoaccelerateperformanceofOpenFlowswitches,"AgranovskiyM.,ShalimovA.//Program

systems and toolware, MSU, 2017