Michael Agranovskiy

Senior Software Developer

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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	Kubernets, Elastic Search. Mentoring. Team leading
Languages	English (fluent), Russian (mothertongue)

Professional Experience

2021–2021   **BestDoctor**, Senior backend dev in the medical insurance sphere.
Python/Django/PyTest, Docker, zero-code intergrations
- Implemented multiple features in a huge Django Admin with a bit of JS
- Solved a problem by a paid service instead of a month of coding from scratch

2020–2021   **Domclick (Sberbank)**, Tech lead and backend dev in a new buildings storefront.
Python/asyncio/FastAPI/PyTest, Docker, Kubernets, PostgreSQL, Elastic
- Improved stability, performance, test-coverage and architecture of several micro-services
- Introduced SRE practices (monitorings, safe migrations) and processes on keeping them go
- Improved work processes, e.g. made scrum work as much as it was possible.
- Closely worked with the product manager (designed principal implementations; helped to fit features to sprints)

2018–2020   **Yandex**, Backend development in the intranet department.
Python/Django/Celery/PyTest, Docker, PostgreSQL/YQL
- Worked with more than 10 projects, mainly with the internal hiring system.
- Increased Yandex employee hiring rate and decreased leaving rate by developing reference giving system and employee rotation system
- Launched a negotiation service. Designed a state machine for creating a new negotiation.
- Leaded migration to a new PaaS. Improved 5 affected libs/tools, migrated 3 projects myself, managed migration of 10 other projects.
- Mentored in Yandex Backend Development school

2016–2017   **ARCCN**, RnD in the field of Software-Defined Networking.
- Developed of a link state monitoring system (C++, Python. BFD, OpenFlow protocols)
- Designed a rule caching system for OpenFlow software switches (C, Intel DPDK. P4 protocol)

Education

2014–2018   **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: https://bit.ly/34677lh

2021   "The way I develop software," an article on Medium [RU]: https://bit.ly/3kqJicl

2017   "Using hash functions to accelerate performance of OpenFlow switches," Agranovskiy M., Shalimov A. // Program systems and toolware, MSU, 2017