

Dmitry Pershin

✉ dapper1291@gmail.com

🌐 www.linkedin.com/in/dapper91

☎ +7 912 618 5850

🐙 github.com/dapper91

📍 Yekaterinburg, Russian Federation

📧 dapper91.github.io

Software engineer with more than six years of experience working on projects from different fields like cybersecurity, cloud computing, distributed systems, fintech; looking to become a part of an experienced developer team to work on innovative software and services.

Education

Ural State Technical University, **M.S.in computer science**, faculty of radio engineering, **summa cum laude**

Experience

Software Engineer at Tochka Bank / 05.2019 – present

skills: rust python sql distributed systems highly-available services rabbitmq postgresql kubernetes

- Fully designed, developed and launched the quick payments service. The quick payments service is a financial infrastructure that allows customers to make payments without cash or plastic cards in near-real-time. It had been implemented from scratch and handled hundreds of thousands of payments a day. **The service became profitable in one year after the launch.**
- Designed, implemented and configured CI/CD process including unit and integration testing, code analysis, application build and deployment which **increased code quality**, **lowered bugs quantity** and **reduced delay from commit to deployment** to several minutes.

Software Engineer at Yandex / 11.2018 – 05.2019

skills: python mongodb distributed systems highly-available services

- Took part in development of a highly-performant and highly-available task scheduling SAAS platform that provided optimal company cluster resources utilization which **reduced the cluster maintenance expenses**. The service was able to store and process several terabytes of user data in multiple data centers.
- Took part in development and improvement of service API and SDK providing an ability to describe complex execution pipelines on several thousand of servers in multiple data centers. As a result the **service was able to provide availability 99.99%**.

Software Engineer at USSC Ltd. / 08.2016 – 11.2018

skills: c++ python networking cybersecurity

- Took part in development of software for industrial networks cybersecurity analysis, malware attacks prevention and network traffic inspection. **The product was able to detect cyberattacks on enterprise networks** and helped in incident investigation at critical facilities.
- Rewritten some security modules from multi-threaded to asynchronous execution model which **increased software performance by more than 50%** and made it possible to monitor much more production facilities without hardware update.
- Developed a module that used SCAP (security content automation protocol) standard to analyze OS integrity and protection using open world-wide vulnerability database which **let the system to detect security flaws as soon as possible**.

Skills

Languages	Databases	Frameworks/Libs	Dev tools	Other	
Rust	PostgreSQL	tokio	Git	Linux	Networking
Python	MongoDB	asyncio	Docker	Kubernetes	Distributed Systems
C/C++	Redis	aiohttp		RabbitMQ	Machine Learning Basics
	Elasticsearch	flask		Kafka	CI/CD
		scikit-learn		SQL	
				BASH	