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

Education

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

Experience

Python software engineer at Tochka Bank / 05.2019 – present

- Designed, developed and launched a quick payments service from scratch that **handled hundreds of thousands payments a day in one year**. Quick payments service is financial infrastructure that provides an ability to make payments without cash or plastic cards using a QR-code (merchant side) and a mobile phone app (customer side) in near-real-time.
- Fully 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 feature release delay** to several minutes.
- Took part in development of financial analysis web tools backend that helped entrepreneurs to possess comprehensive information about their financial statistics. The tools provided a lot of visual information like charts and tables based on statistical analysis, classification and clusterization algorithms that helped out customers to reduce their expenses. As a result **the service received positive user feedback and most of the customers extended their trial subscription**.

Python Software Engineer at Yandex / 11.2018 – 05.2019

- Took part in development of a highly-performant and highly-available task scheduler SAAS that provided optimal company cluster resources utilization which **reduced the company expenses more than 10%**. The service was able to store and process several petabytes 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%**.

Python / C++ Software Engineer at USSC Ltd. / 08.2016 – 11.2018

- 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 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 to detect 0-day vulnerabilities as soon as possible**.

Skills

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