Experienced Full-Stack Developer

Python / C# / SQL

**Kirill Bolashev**

Tel Aviv | 079-6087-563 | [kirik1007@gmail.com](mailto:kirik1007@gmail.com) | [LinkedIn](https://www.linkedin.com/in/kirill-bolashev-943b27237/)

**Summary**

* **4 years work experience** as **Software Developer - Python, C#, SQL**
* Experience in writing internal tooling and handling complex systems
* Comfortable with the **.NET Framework** and **Python**’s ecosystems
* Have experience designing and implementing **BI-oriented data** stores in **SQL Server**, creating **ETL** processes using both **stored procedures** and external tools, such as **Airflow**
* Detail and customer oriented. Love digging as deep as possible into the problems, trying to find the root cause.
* OS-agnostic. Aware of internals for both **Linux and Windows.**
* Excited to wear different hats, learn a stack I don’t know much about and pick up something from it that might be useful in my day-to-day work
* **Bachelor’s degree in Information systems and technologies,** Bauman Moscow

State University

* English - fluent both written and verbal

**Experience**

2021 - Present **Full-Stack Engineer - Python, Rembrain**

* Testing and maintenance of a multiprocessing **Python** framework with **queue-based messaging** oriented at smart robotics.
* Backend work relating to maintaining a **websockets**-based ingest platform that gets live video and sensor feed from robots and sends it out to ML processing machines to process tasks for the robots.
* Maintaining **GitLab CI** to allow for **continuous integration** of the environments: **building Docker containers**, **running tests**, deploying stacks onto environments
* Did a review of the **deployment process**, writing the documentation for deploying the tech stack and getting rid of unnecessary configurations that built up over the life of the startup.
* Writing tooling to configure different environments

2018 - 2021 **Software Engineer - C#, SQL, AST Publishers**

* Inherited an **ASP.NET MVC** based in-house Service Desk suite that I maintained and expanded with new features per requests of the IT department.
* Due to inability to maintain a legacy VB6-based in-house IT inventory management system, rewrote it as a **.Net Core** web application, utilizing **Angular** with **Google’s Material components** on the frontend- led to better adherence of the inventory management system to current processes of the **IT department**.
* Designed and wrote a **WPF** application for the warehouse workers, utilizing **Dependency Injection** to switch app’s behavior depending on business rules.
* Rewrote in **WPF** most of the modules of the **in-house BI suite** used by the managers; one-by-one replacing legacy modules with more robust async-based modules.
* **Redesigned and implemented the ETL process** for an important customer’s daily sales reports once **SQL** Server’s Excel parser could no longer handle them in a timely manner.
* Utilized **Python**, streaming XLSX parsers and **ODBC**.

2017 - 2018 **Software Engineer- Python, MIPT-Sberbank laboratory**

* To provide the team with the ability to analyze about 1.5TB of unstructured Windows event log dumps, written a **regex**-based multiprocessed log parser in **Python**.

**Skills**

**C# WPF, ASP.NET MVC, Linq2SQL, EF, Dependency Injection**, .Net Core, **C++/CLI, WCF**

**SQL** Maintenance and implementation of data stores used for **ETL** and **BI** processes built on **MS SQL Server**. SQLite

**Python Multiprocessing, websockets, pytest**, **Pandas**, **FastAPI**

**Linux** Comfortable using it for daily work tasks. Can perform light administrative work (Creation and maintenance of simple systemd services/cron jobs)

Miscellaneous skills and tools utilized during my work:

**Git,** TypeScript (**Angular, RxJS**), **Docker**, RabbitMQ, **GitLab CI, ELK**

**Education**

2017  **Bachelor’s degree in Information systems and technologies,** Bauman Moscow

State University

**Languages**

**English** - Comfortable reading and writing. Spoken English on a conversational level

**Russian** - Native