



Artyom Afanasov

January 3, 1999
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Languages

Russian ● ● ● ● ●
 English ● ● ● ● ●

Work Experience

03.2021 – now **Software Engineer** Belkasoft

09.2019 – 12.2019 **Junior .NET Developer** KORUS Consulting CIS.

ESPHERE Courier
Worked with Electronic Data Interchange (**EDI**) on the main company project Esphere Courier (**REST API**), fixing bugs, adding new functionality and refactoring web services. For example:

- Added processing of electronic documents and checking their validity for a specific organization
- Fixed incorrect work with export to Excel
- I myself was founding places in the existing project logic that could be improved, and was carrying out refactoring

Development was carried out in **C#** , **TypeScript** .

Internships

07.2019 – 08.2019 **.NET Developer (Intern)** KORUS Consulting CIS.

Project for working with electronic signatures
Added functionality to enhance a electronic signature in a company project, using **C#** , **C library** , **marshalling** . Development was carried out through **TDD** .

Service Integration
Improved the interaction of a company project with the Jivosite API by adding processing of requests and responses from Jivosite API, using **MassTransit** , as well as their serialization and deserialization. The architecture for adding related functionality has been improved with **reflection** and **Dependency Injection** .

Education

Study

2017 – 2021 **Bachelor Studies** Saint Petersburg University
Software and Administration of Information Systems, Department of Software Engineering.
Diploma with **distinction**.

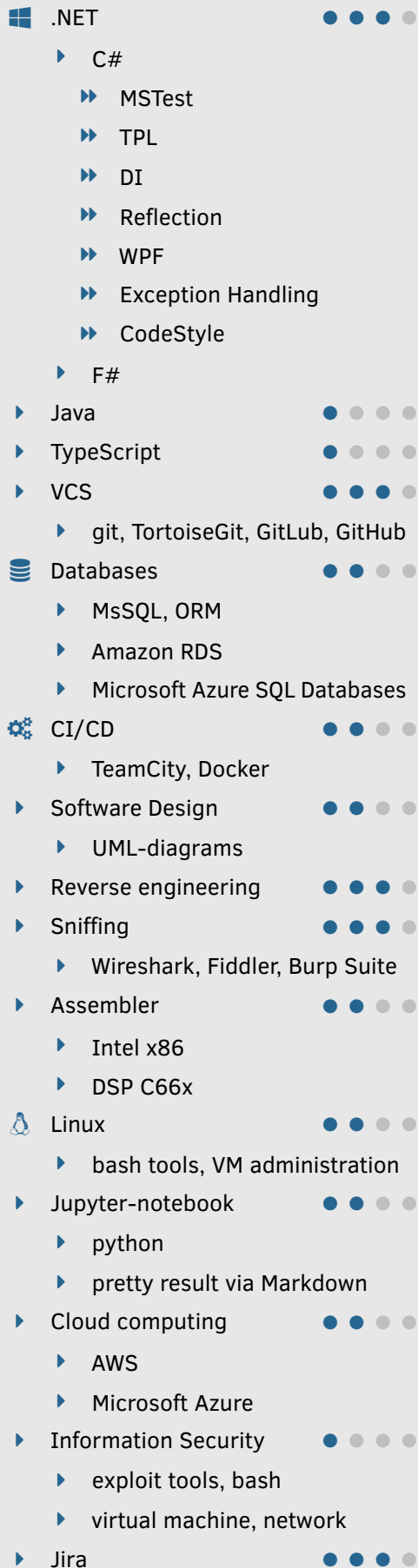
2006 – 2017 **Secondary education** Gymnasium named after A. Green of the city of Kirov
* Graduated with **distinction**.

Online courses

Functional programming via Haskell Computer Science Center
Main concepts of functional programming and Haskell.

Introduction to Linux Bioinformatics Institute
Basic concepts of Linux.

Skills



About Me

♥ IT, volleyball, calisthenic, piano, guitar

Projects

- 2020 – 2021 **Graduation work. Digital forensics application.**
Closed source project.
- 2019 – 2020 **Term paper. Implementing Asymmetric Marker processing on the C66x DSP.**
AMP (10.17587/prin.9.156–162) implementation on a specialized DSP C66x processor for communication with ARM. I have studied the architecture of the system on a chip `EVMK2H`, interaction with SoC through `Code Composer Studio`, the architecture of `C66x DSP` processor and `assembly language DSP`. And then I have implemented the layers of the AMP model in assembly language DSP. And my assembly language implementation turned out to be 1.7 times faster than the C implementation with the `-O3` optimization.
- 2019 **Term paper. CI/CD pipeline configuration for a microservice architecture web application.**
During my term paper on the configuration of the `CI/CD` pipeline for the microservice architecture web application (my role in the project was DevOps) I have automated the entire pipeline (from committing to GitHub to running a microservice in the virtual machine): commit, testing, building a docker-image, pushing the docker-image to DockerHub, connecting to a VM and creating a container. In this work I have used:
- `Linux VM machines` `AWS` and `Microsoft Azure` for hosting and database services
 - `TeamCity` for pipeline configuration
 - `Docker` for flexible delivery.
- 2018 **Term paper. Small computer multiplayer game.**
A computer game that supports multiplayer. And as a developer, I do not need to set up a game server. Each player can be a server, thanks to `Photon Unity Networking`, therefore people can play anytime. `DiffMerge` was used to prevent merge conflicts. `Unity` was a game editor.
- 2018 **Summer SPBU project. Neurointerface for computer control.**
I have received data of electronic activity of the brain (P300 wave) using `the EMOTIV EPOC neurointerface` and `SDK for neurointerface` for `C#`.