Artyom Afanasov

Software Engineer

- January 3, 1999
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Dear Rakuten HR

Geo Adventures Inc.
Rakuten Crimson House, 1-14-1 Tamagawa, Setagaya-ku
Tokyo 158-0094

Dear Sir or Madam,

As a developer interested in building reliable global Internet services that touch hundreds of millions of users across the globe every day, I was glad to see your job offer for the position of web services projects. I have experience with solving software problems in products of SberKorus company that is included in the TOP-20 largest IT suppliers according to CNews Analytics, 2018. I am positive I can help with Rakuten's upcoming challenges.

In my past position at SberKorus, I worked by the scrum methodology with Electronic Data Interchange (EDI) on the main company project Esphere Courier (REST API) and some internal projects, fixing bugs, adding new functionality and refactoring web services . Here are examples of my work (included design, coding, code review, refactoring, test and release):

- Added processing of electronic documents and checking their validity for a specific organization

- Added functionality to enhance an electronic signature, using C library, marshalling. Development was carried out through TDD .

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 the application on the virual 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.

Currently I work on Graduation project, related to Java application.

Rakuten's projects related to web services are a perfect match for my personal and professional interests and an exciting opportunity to create a scalable service and make it global to facilitate the transition of commerce to the Internet space. I would love to leverage my knowledge of software engineering to achieve significant results in Rakuten's projects.

Best regards,
Artyom Afanasov

P.S. During my other term paper I have received a job offer from my scientific supervisor, but I did not accept it as I was going to work on another project at another company in my fourth year at SPBU.

A little more about skills. I also have designed an SPBU course task database project and have written SQL code for it. In my position at SberKorus I used ORM for .NET and read SQL source code. Besides, I wrote on Typescript in SberKorus projects. Thanks to the theory and tasks from Software Design SPBU course ("Linux bash" and "Roguelike game" architectures) I now have more experience in software design .
And I have skills with Linux tools generally, for example, due to exploit work in the SPBU Information Security course.
I also have some Python programming skills related to math calculations.

January 9, 2021   **Artyom Afanasov**