Pavel Borisov

CV

Summary

Born 25.08.1995. 3 years of professional **Java (Spring Boot)** experience as of mid-2022. GitHub member since 2009 – developing various software for 10+ years. Eager to learn new technologies and apply **design patterns** to enhance the quality of code. Prefer statically typed languages such as **Java** and **C++**. Also have a decent **Python** experience.
Able to perform verbal communication in **Russian** and **English**.

Skills

- **Backend**: Java (Core, Spring Boot), Kotlin, C++, Python 3, Go
- **Tools**: Git, Jira, Jenkins, Docker, Grafana, Prometheus
- **Languages**: Russian, English

Work Experience

2022.03 – now **Senior Java (Kotlin) Developer**, *Tinkoff Bank*, Moscow.

- Working on a microservices back-end project at Tinkoff Bank written in **Kotlin** with Spring OpenFeign

2020.03 – 2022.01 **Middle Java Developer**, *Sberbank*, Moscow.

- Implemented **Agile** methodology, attended daily standups and sprint plannings, used Jira for task management
- Improved existing Java code using SOLID design principles and object-oriented design patters and developed new features for a clustered Spring Boot application used by thousands of users daily
- Delivered a set of new features to a production environment obtaining experience in code review and stress testing
  - Used Kafka with Spring Boot to ship various features related to internal communications between services
  - Developed an initialization system based on Spring Boot to kickstart Vert.x verticles for a monolith app

2019.09 – 2020.01 **Java Developer**, *Institute for System Programming of the Russian Academy of Sciences*, Moscow.

Improved an existing CalDAV software Cosmo Calendar Server written in **Java** using **Spring Boot**:
- Implemented WebDAV groups
- Implemented WebDAV Access Control Protocol – support for custom (unprotected) access rights for calendar objects stored in **MySQL** database using **Hibernate**
- Authored the following pull requests: https://github.com/1and1/cosmo/pull/29 and https://github.com/1and1/cosmo/pull/33

2017.09 – 2019.08 **Python Developer**, *Institute for System Programming of the Russian Academy of Sciences*, Moscow.

Design and develop a virualization management web service
- Worked on a huge open source solution employing a full stack of technologies
- Developed a real-time cache solution using RethinkDB
- Designed and developed a real-time deployment of virtual machine state changes using Tornado, Graphene, GraphQL and RethinkDB changefeeds
- Developed an authorization module for the web service using LDAP users and groups with granular actions granting
- Programmed an exporter of XenServer performance/resources usage data into Prometheus using **Java**
- Created a set of scripted dashboards for **Graphana** using **Prometheus** as data source showing disk/memory/CPU usage of VMs.

2016 – 2017 **Intern**, *Joint Institute for High Temperatures of the Russian Academy of Sciences*, Moscow.
- Assisted in porting thermophysics data analysis algorithms from Fortran to modern **C++** and design an object-oriented architecture for new code
- Designed and developed a clean GUI using **C++, Qt5 and Qwt** for performing calculations and visualising algorithm results

2015 **Intern**, *Higher School of Economics*, Moscow.

Used **C++, Qt5 and Qwt** to develop a clean GUI for calculatng differential equations using Runge-Kutta method

Education

2017 – 2019 **Master**, *Higher School of Economics*, Moscow, Faculty of Computer Science. Software Engineering

2013 – 2017 **Bachelor**, *Higher School of Economics*, Moscow, School of Applied Mathematics.
Applied Informatics