Dmitry Alekseevich Vasilkov

Male, 20 years old, born July 29, 2004

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Reside in: Saint Petersburg
Citizenship: Russia, work permit at: Russia
Not ready to relocate, ready for business trips

Desired position and salary

Java Developer

Specializations:
— Programmer, developer

Employment: full time, part time, work placement
Work schedule: full day, remote working
travel time to work: any

Work experience —5 months

May 2024 — September 2024 5 months	**LIMITED LIABILITY COMPANY "YANDEX"** Saint Petersburg **back-end developer** Commercial service developer Developed the core business logic of the application, including the implementation of key functional modules. Set up and optimized CI/CD processes to automate the build, testing and deployment of the service. Participated in the deployment and support of the service infrastructure, performing DevOps tasks. Ensured stability and scalability of the service by solving monitoring and incident resolution tasks.

Education

Bachelor 2026	**National Research University ITMO, St. Petersburg** Faculty of Information Technology and Programming (FITP), Information Systems and Technologies

Skills

Languages	Russian — Native
Skills	Java SQL Git Linux PostgreSQL СУБД MS SQL Server Organizational skills REST

Testing API Algorithms DevOps Data structures GitHub Spring Boot Spring Framework
MongoDB Grafana Prometheus Apache Maven Gradle Docker Nginx Apache Kafka
Mockito Ability to work in a team Kotlin Spring MVC

Additional information

About me

When did you realize you wanted to be a developer?

I've always been fascinated by any kind of construction, whether it's building models, creating something with my own hands or, later, working on computers. I realized that this is not just technology - it's a whole world that you can immerse yourself in and understand how it works.

At school in computer science classes I got acquainted with programming. My first experience of creating programs was still in Pascal. I realized that I liked not only using computers, but also creating something new with them. To deepen my knowledge, I started taking additional programming courses where I learned the basics of other languages and technologies. This allowed me to broaden my horizons and realize how important it is to learn not only in the classroom, but also to search for information and develop myself. From that moment on, I realized that I was going to be a developer and started to delve deeper into the world of programming.

Why Java?

I have always been looking for a language that not only solves problems well, but is also easy to learn and applicable to real projects. At some point it became clear to me that Java is not just an old language, but one of the most popular and in-demand tools for developing complex applications. I was attracted to the idea of using an object-oriented approach, which lays down so naturally in development and helps to create scalable solutions.

The more I worked with Java, the more I noticed its capabilities: from the simplicity of working with libraries and frameworks to cool features like lambdas and method-references. Besides, studying Bob Martin's "Clean Code", I realized how important it is to write not only working but also readable code. It is easy to do it in Java because of its rigor and flexibility.

Over time, I realized that Java is an ideal tool for creating not only functional but also maintainable solutions that are easy to scale and develop. When the question of my future professional path arose, I was sure that Java would be the language in which I would continue to build my career.

Projects

1) **URL Shortener**
Functionality: The project provides functionality for shortening long URLs with the ability to statistically analyze and delete them. It supports VIP links, which can have additional settings such as lifetime.
Technology stack: Backend (Kotlin, Spring Boot (Web, Data JPA), H2 Database). Frontend (TypeScript, Express, Pug). DevOps (Docker (multi-container), Nginx (for proxying requests), Docker Compose)
Tools: IntelliJ IDEA, Postman, Docker, Git.
Achievements: Learned to design microservice architecture using Docker Compose. Mastered working with CORS and configuring Nginx for proxying requests. Implemented APIs using Spring Boot, including database integration. Provided environment isolation using Docker containers.
2) **Nginx log analyzer**
Functionality: The project analyzes log files of NGINX servers, collecting metrics: number of requests, popular resources, response codes, IP addresses, User-Agent and response sizes. Generates reports based on time filters and filtering parameters.
Technology Stack: Programming Language (Java). Libraries and tools (Lombok (for template code reduction), Stream API (for data processing), standard Java libraries (Collectors, Function, OffsetDateTime))

Tools: IntelliJ IDEA, Maven, Git.
Achievements: Creating modular and readable code by using Stream API and generalized functions. Optimization of work with large amounts of data through lazy stream processing.Implementation of a flexible filtering system by parameters and time ranges.

Why T Bank?

I am inspired by T Bank's approach to creating innovative solutions and its significant contribution to the development of digital technologies. I am a client of T Bank and have been repeatedly convinced of the high level of service and client-oriented products.

I am particularly impressed by the company's commitment to sharing knowledge and developing educational initiatives such as lectures on algorithms and data structures, academies for developers and competitions aimed at improving technical skills. These projects demonstrate the company's focus on developing professionals and supporting the technical community.

I am confident that my internship at T Bank will give me a unique opportunity to apply my knowledge, learn from the best specialists and contribute to the development of cutting-edge projects. Working in a company that values innovation and quality fully meets my goals and expectations.

How many hours am I willing to devote?

I am willing to dedicate a minimum of 30 hours per week to the internship and fully focus on the tasks at hand.

Free time and hobbies

Programming is not only my profession, but also my favorite activity where I find inspiration. I enjoy not only strengthening my existing knowledge, but also learning something new: learning programming languages, frameworks, tools and exploring unfamiliar areas of development. This process constantly expands my horizons and makes my work especially exciting.

Besides programming, I am actively interested in art. I like to visit exhibitions, enjoy painting and discover new ways of perceiving the world. These hobbies help me to develop creative thinking, which in turn influences my approach to problem solving in programming. I believe it is important to find time for hobbies to maintain work-life harmony.

Where do I want to develop further?

I would like to successfully complete an internship at T Bank and eventually become part of the team as a full-time developer. My immediate goals include:
- Deepening my knowledge in database design and application architecture.
- Mastering modern technologies such as Kotlin and improving skills in DevOps, including containerization and orchestration.
- Developing soft skills, building on the foundation already in place.

In my second year, I studied Public Speaking and Presentation Techniques and Communication and Team Building, which was the foundation for effective teamwork and the ability to communicate my ideas. In the future, I plan to develop these skills to become a confident TeamLead or software architect.