# VLADIMIR POPOV

 github.com/ppv-vldmr  https://t.me/ppvvldmr  ppv.vldmr@inbox.ru
 Saint-Petersburg, Russian Federation +7(910)-267-69-54

## SKILLS

| | |
|---|---|
| **Technologies:** | 3+ years experience with Java Core (versions 8, 11, 15, 17); Spring (Boot, Data, JPA, Security, JDBC), Hibernate, JUnit, Mockito, TestNG, Swagger; PostgreSQL, Amazon S3, ClickHouse, Grafana; Gradle, Maven, bash, Git, Docker, TeamCity, Jira, Confluence |
| **Additional:** | Swift, SwiftUI, UIKit, Haskell, Elixir, JavaScript, Node.js, Firebase |
| **Languages:** | Russian - native <br> English - IELTS Academic 6.5 |

## WORK EXPERIENCE

**Yandex (Java Backend Developer)**  *April 2021 - August 2022*

- Designing, implementing and integration of new features and services in project architecture

- Implementing, optimizing and maintaining the new process of the staff onboarding, including automated generating and processing of all documents and data

- Contributing in several internal frameworks and libraries for enhanced code architecture and structure

- Creating monitoring dashboards with real-time data collection for enhanced metric control using Grafana and private Yandex technologies

- Maintaning and improvement the processes of CI/CD, deployment and build of services and projects using TeamCity and other technologies

- Code and architecture review of various features and services

**VK (Backend Developer)**  *January 2023 - now*

- Improving and maintaining the process of generating private and public versions Java SDK for API interaction

- Making the integration of public and private Java SDK versions with other third-party frameworks, libraries and tools seamless and rapid

- Maintaining and profiling CI/CD processes for better code distribution and deployment of API schema

- Designing, implementing and integration new workflows and approaches of code generation processes for API schema, SDK, documentation, etc. using Javapoet, Gson and other frameworks

- Creating, monitoring and maintaining various dashboards and logging systems for managing features, A/B experiments and configurations based on user activity including real-time data

## EDUCATION

**ITMO University, Russian Federation**  *September 2019 - August 2024*
**Computer Science and Programming, Bachelor**

- OOP and Functional Programming Principles
- Databases (non-relational and relational)
- Software Design
- iOS development
- Front-end development
- Algorithms and Data Structures
- Discrete Maths
- Probability theory and Statistics
- Calculus and Differential Equations
- Mathematical Logic and Translation Methods
- Data Analysis
- Machine Learning
- Operation Systems
- Computer Architecture
- Linear Algebra

# PROJECTS

### Personal social apps for iOS
I have my own mobile app "PinPoll" in the App Store, which originally was as a pet-project for practising skills in iOS development. Thus, I created lightweight and rapid app, which provides an easy way to create polls, posts and collaborate with friends.
Link: `https://apple.co/3jLYjcs`

I always want to improve my skills, so my second mobile app called "Vibe Check" is the new approach of demonstrating my knowledge. This app contains lots of integrations with services and frameworks: Spotify Web API, Apple Music API, HealthKit, PhotosKit, MapKit and so on. I used various tools to build the most important components of the app's infrastructure, thus, I've got a solid hands-on experience in designing architecture, CI/CD and implementing fault-tolerant systems.
Link: `https://testflight.apple.com/join/E5Gsp6ln`

### Contributing to the Stepik courses
Additionally to my employment in VK, I was invited as Java expert to review two courses dedicated to developing web services using Java programming language. After completing the review, I was invited to prepare new theoretical materials and practical tasks.
Links: `https://stepik.org/course/146`
    `https://stepik.org/course/186`

### University projects
I saved all my solutions of various projects during studying in one repository. This repository contains solutions, such as: several arithmetic parser implementations, logical expressions solvers, language translators for different grammars, course work of designed database architecture project, implementations of some optimization methods and etc.
Link: `https://github.com/ppv-vldmr/ITMO`