

# Ivan Vinogradov

SCALA DEVELOPER

Saint-Petersburg, Russia

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## Education

### ITMO University

Saint Petersburg, Russia

SECOND YEAR BACHELOR OF APPLIED MATHEMATICS AND COMPUTER SCIENCE.

2021 - PRESENT

- Disciplines: Scala, Java, C++, Algorithms and Data structures, Mathematical Analysis, Discrete Math, Linear Algebra, Mathematical logic, Computer Architecture
- Student of Scala course by Tinkoff

## Skills

### Programming

Main: Scala

Frequent: Java, Kotlin, JavaScript, Python, C++

### Tools

General: Git, GitHub, Docker, PostgreSQL, LaTeX

Scala: sbt, cats, cats-effect, doobie, pureconfig, akka-http, tethys, circe, tofu

### Languages

English - C1, Russian - Native

## Experience & Projects

### Backend Scala Developer

SCALA

2022

Worked with private company Scala framework. I designed and maintained **PostgreSQL** databases. To keep track of clients business processes. Wrote Scala backend of the app. Version control was carried out using **SVN**.

### Telegram bot that recommends movies

SCALA

2023

Pure functional Scala bot written with **telegramium** library. The bot recommends movies to users based on their favorite genres. On start bot adds a user to a PostgreSQL database and suggest to select their favorite genres. Database interaction is performed with **doobie**. Then user can get a recommended film. Films data get with Open Movie Data Base (omdb) and **akka-http** and parsed with **circe**. To run application **docker** and **pureconfig** are used.

## Honors & Awards

2020 **Medalist**, Phystech Olympiad. Mathematics

Saint Petersburg,  
Russia

2021 **Medalist**, United Inter-university Mathematical Olympiad of Schoolchildren

Saint Petersburg,  
Russia