

Sergei Fedorov

Senior Java Developer

✉ srzhkax@gmail.com

📧 t.me/srzhka

📍 Greece, Thessaloniki

About me



My main direction – Java development

Enthusiastic, eager to explore new technologies, quickly assimilate new concepts and ideas

Experience

Deutsche Telekom IT Solutions

Java developer, April 2016 - present



- ++DX is Deutsche Telekom's internal developer platform designed to streamline software engineering. It brings together all the tools, environments, and best practices developers need into one cohesive experience
#python #ai #claude #anthropic #bedrock #google-adk #mcp #llm
- The D.O.T. (Digital Omnichannel Transformation) project is a central component of Deutsche Telekom's transformation journey. The project's goals include digitizing customer-facing channels and modernizing IT systems and platforms to meet current customer expectations for a simple, personalized, digital experience
#springframework #jib #docker #wiremock #gatling #restassured #gradle #gitlabci #mongodb #kubernetes #aws #grafana
- "API Service Factory" project was designed to decouple IT systems in the company and provide a new way to build new modern applications, by implementing a set of API services. Project applies a Scaled Agile Approach (SAFe)
#springframework #jib #docker #wiremock #gatling #restassured #gradle #gitlabci #mongodb #kubernetes #aws #grafana
- Development of a e-commerce web portal telekom.de based on Oracle ATG platform. 10+ international scrum teams, 4-week sprints, offline demos and plannings in Germany
#springframework #oracleatg #js #jsp #jenkins #gradle #linux
- Development of a backend for mobile app. By using it Deutsche Telekom customers can manage their contracts and tariffs, book options and access other services. It consumes number of SOAP and REST services under the hood and provides convenient REST API
#springframework #oracledb #maven











Yandex LLC

Java trainee, November 2010 - August 2011











- Development of database testing tool. It runs various CRUD scenarios with interested data structures on target db, generates detailed report with graphs
#springframework #cassandra #mongodb #redis #postgresql #neo4j #ant #maven #linux

Courses, trainings & certs

| | |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | Joker, International online Java conference <i>October 2023</i> |
|  | DT IT's AI Hackathon 1 st place 🏆 <i>June 2023</i> |
|  | Joker, International online Java conference <i>October 2021</i> |
|  | Created a repository that has 128 stars <i>February 2020</i> |
|  | Contributed code to 3 repositories in the 2020 GitHub Archive Program <i>February 2020</i> |
|  | Certified SAFe 4 Practitioner (Scaled Agile Framework) <i>December 2019</i> |
|  | Joker, International Java conference in Russia <i>October 2019</i> |
|  | Oracle Certified Professional, Java SE 8 Programmer <i>December 2016</i> |
|  | Oracle Certified Associate, Java SE 8 Programmer <i>June 2016</i> |
|  | T-Systems, Java School <i>February 2016 - April 2016</i> |

Projects

java-airplay

| | | | | |
|------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| java-airplay-lib |  Fork |  38 |  Star |  188 |
| java-airplay-server |  Fork |  49 |  Star |  330 |
| java-airplay-server-examples |  Fork |  26 |  Star |  77 |

This project was inspired by idea to mirror mobile phone screen to car display without buying additional hardware. I have tried to implement this for the android first and later for ios. I analyzed the traffic between the iPhone in AirPlay mode and the Apple TV in order to understand and reproduce the media content transfer protocol, encryption and device discovery method. The architecture is designed to create receivers on new platforms with minimal effort

#airplay #netty #reverseengineering

Education

ITMO University

Department of Higher Mathematics

Master degree "Mathematical modeling" 2014 - 2016

Bachelor degree "Applied Mathematics and Informatics" 2010 - 2014

Academic Lyceum “Physics and Technology School”

Established in 1987 by a group of scientists from the Ioffe Physical-Technical Institute, the only secondary school in Russia linked to the Russian Academy of Sciences

At this time I started to learn the basics of Java language at school lessons, read algorithm books and problem-solving practise
2007 - 2010

Hobbies & Interests

🚴 Actively participate in MTB marathons in Russia, Finland, Estonia and Austria. Traveled from St. Petersburg to Helsinki (400km, 2 nights) and returned from Tallinn by bike

🎿 Studied skiing at sports school for 8 years, visited many ski-resorts in Austria, Norway, Sweden and Finland. I really like both skiing and snowboarding

🏝 Have been to many places and can confidently say that my favourite one is Bali. It impressed me by its chilled ambience, positive people and wonderful vantages

🍷 If something requires more than a couple of minutes of my time, and I know that it will need to be repeated in the future, then I try to automate it, write a script