

# VIKTOR KOSHOVYI

Senior Java/Scala developer



## CONTACT

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## HARD SKILLS

- **java**, scala, spring boot, hibernate, mockito
- TDD, **junit tests**
- GCP, AWS, Firebase
- sqs, redis, kafka
- **CI/CD** gitlab, github actions, DOCKER
- SQL, noSQL, mysql, Postgress, MongoDB, DynamoDB, Firestore
- maven, sbt, gradle, npm
- native android
- angular, nodejs, jest, sinon
- SonarQube, OWASP
- stripe, paypal, google pay, apple pay

## LANGUAGES

- English (advanced)
- Ukrainian (native)
- Spanish (beginner)

## HOBBIES

- Game development
- Self-education
- 3d printing
- Volunteering

I am a Java/Scala backend developer with more than 10 years of professional experience and extensive frontend knowledge in native Android and frontend development. I heavily utilize CI/CD to ensure efficient and reliable deployment processes.

## WORK TIMELINE

### Startup (NDA) Remote

October 2021 - Present

**Java/Typescript backend, Flutter(cross-platform)**

### Epam Remote

February 2021 - September 2021

**Java backend**

### eKreative Ukraine

August 2013 - December 2020

**Java/Scala backend, native Android, Angular**

### friend2friend Spain

February 2012 - August 2013

**Java backend**

### Visual-Craft Ukraine

September 2009 - February 2012

**PHP backend**

## EDUCATION

### Computer sciences

2006 - 2009

Cherkasy National University named after Bohdan Khmelnytskyi

### System Development

2002 - 2006

Cherkasy Polytechnic vocational college

### Online learning platforms

2016 - 2024

Udemy, zenva academy, gamedev.tv, domestica

# COMMERCIAL EXPERIENCE

**Startup (NDA)** October 2021 - Present

**Roles:** Senior Software Engineer/Team Lead

**Responsibilities:**

- Designing and implementing project microservice architecture from scratch
- Designing and implementing CI/CD for all environments for all platforms for running unit tests, functional tests, UI tests, building, signing, and deploying app to GCP/Play Market/App Store
- Designing and implementing database structure, configuring secure access from all clients
- Sprint planning, code reviewing, releasing production
- Mentoring teammates
- Direct communication with the Product Owner

**Tools:**

Java, Typescript, Flutter, Jira, git, GitHub actions, GCP (storage, instances, cloud functions, schedules, firestore, IAM, big query, crashlytics, pub/sub), Google payments, Apple payments, SendGrid, and docker

**Epam** February 2021 - September 2021

**Roles:** Senior Software Engineer

**Responsibilities:**

- Implementing new features in Java project and covering them with test
- Implementing CI/CD
- Analyse code with SonarQube, fix issues refactoring
- Implementing infrastructure code that creates/updates AWS resources
- Sprint planning, code reviewing
- Demo sprint results to stakeholders/clients

**Tools:**

Java, Jira, bitbucket, SonarQube, AWS (lambda, SQS, dynamo DB, infrastructure as a code), Microsoft Teams Suit, Atlas Suit, Trello, Confluence

**eKreative** August 2013 - December 2020

**Roles:** Senior Software Engineer/Team Lead

**Responsibilities:**

- Designing and implementing Java/Scala applications from scratch
- Designing and implementing Postgres DB structure from scratch
- Designing and implementing non-trivial solutions that involve multiple platforms
- Configuring hosting infrastructure, remote instances, GCP, AWS
- Configuring containerized apps that automatically get scaled under load
- Designing, implementing, and demoing proof of concept
- Integration with payment systems like PayPal, stripe
- Following TDD methodology, writing CI/CD scripts for running tests, building and packing app into docker image, deploying
- Writing custom docker images
- Mentoring backend/frontend developers in creating CI/CD scripts, and implementing tests
- Designing and implementing native Android applications

**Tools:**

Java, Scala, Spring Boot, Play Framework, Angular, GCP, AWS, Postgres, Android SDK, Atlas suite, Gitlab, Git

# COMMERCIAL EXPERIENCE

**friend2friend** February 2012 - August 2013

(Performance review <https://t.ly/RI532>)

**Roles:** Java backend developer, Facebook apps developer

**Responsibilities:**

- Extending existing database
- Implementing Java solutions using the internal framework
- Implementing new features for the internal framework
- Implementing frontend
- Cooperation with designers
- Deep integration with LinkedIn and Facebook services
- Communication and collaboration with Client team

**Tools:**

SVN, Java, flash (actionsript)

**Visual-Craft** September 2009 - February 2012

**Role:** PHP backend developer, frontend developer

**Responsibilities:**

- Designing and implementing backend and frontend solutions from scratch
- Designing and implementing database structure
- Learning technologies required for the project
- Configuring remote instances for PHP backend
- Converting design into HTML, CSS, and JavaScript

# NON COMMERCIAL EXPERIENCE

**Open source experience:**

I had Garmin smartwatches, and for a long time, I could not find each face I liked, so I decided to create my own. Apparently, it became pretty popular. At the moment of writing, I have about **347517 downloads**.

I uploaded Wachface code to the public GitHub repository, and it became popular.

Here is a link (keep in mind, it may not be available at the moment, many russians "report it" as inappropriate, so I have to resubmit it from time to time)

<https://t.ly/SEZ91>

**Mobile Idea that was implemented before Google**

Again, I had a problem, so I created a solution. My wife went to the sports gym after work, and I was worried that she would have to come back home late at night. So, I created a simple Android application where we could share our locations in real-time. Later, I added more options, like funny animal avatars, adding friends, and settings.

Later, Google announced the exact same feature in their map application, and I abandoned my app and started using the Google one.

Here is a link to the Google photo album how it looked; the project was started in 2016, **long before Google released its implementation** of real-time location sharing to Google Maps

<https://t.ly/4I5FI>

# SUMMARY

I love tests and CI/CD, I am kinda proud that I am among those not many developers that appreciate the power of TDD. Writing reliable and covered with tests code become part of my routine for many years already. So I started focusing on new things, I started thinking more on product, on goals, on the tasks, participate in planning and improving business logic. I figured out that what product **owners want and what they ask may not be the same**, and my responsibility not to waste their time on implementing things they do not need, my responsibility is to understand what they really need, form their ideas into goals and decompose them into simple tickets.

I always try to set up work processes as transparently as possible to avoid any possible misunderstandings or conflicts. Humiliating or blaming others teammates it is not about me. I take a professional, non emotional approach, to handle occurred issues.

Even that my main area of responsibility is the backend, my managers quickly understood that they can **throw me at anything in case of emergency**, so I was often involved in projects for which the company did not have qualified developers, my duty was to create a project structure, impress the client, show the results and give my team time to learn stack and prepare for picking up the project.

## HARD BACKEND SKILLS

- java, scala
- Spring Boot, Play Framework
- Serverless, microservices
- postgres, mySQL, MOngoDB, dynamoDB, firestore
- junit, mockito, scalatest
- maven, gradle, sbt
- GCP
  - bigQuery, cloud run, cloud storage, cloud function, cloud SQL, cloud PUB/SUB
- AWS
  - ec2, s3, rds, lambda, vpc, iam, cloudFront, route53, ecs, sns, sqs, cloudWatch
- Docker, CI/CD
- RDBMS, JDBC

## HARD FRONTEND SKILLS

- unit tests, UI tests
- typescript, angular
- native android, java/kotlin
- flutter, dart
- implementing UI from figma
- clear understanding of application lifecycles, states, threads
- sqLite, local storage