

VIKTOR KOSHOVYI

Senior java/scala developer

CONTACT

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HARD SKILLS

- **java**, spring boot, hibernate, mockito
- TDD, **junit tests**
- GCP, AWS, Firebase
- **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

SOFT SKILLS

- **patience**
- learning agility
- empathy
- adaptability
- critical thinking

LANGUAGES

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

HOBBIES

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

I am a java/scala backend developer with extensive frontend experience in native android and frontend development. I heavily utilize CI/CD to ensure efficient and reliable deployment processes. I am soft and non conflict person.

WORK TIMELINE

Remote **Startup (NDA)**

oct 2021 - Present

java/typescript backend, flutter(cross-platform)

Remote **Epam**

feb 2021 - sep 2021 8 month

java backend

Ukraine **eKreative**

aug 2013 - dev 2020 7.3 years

java/scala backend, native android, angular

Spain **friend2friend**

feb 2012 - aug 2013 1.6 years

java backend

Ukraine **Visual-Craft**

sep 2009 - feb 2012 2.5 years

PHP backend

EDUCATION

Online learning platforms

2016 - 2024

Udemy, zenva academy, gamedev.tv, domestica

System Development

2002 - 2006

Cherkasky Polytechnic vocational college

Computer science

2006 - 2009

Cherkasy National University named after Bohdan

Khmelnyskyi

COMMERCIAL EXPERIENCE

Startup (NDA) oct 2021 - Present

Roles: team lead, mentor, key developer.

Responsibilities:

Designing and implementing project microservice architecture from scratch.

Designing and implementing CI/CD for all environment for all platforms for: running unit tests, functional tests, ui tests, building, signing, 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 team mates.

Cooperation with QAs and Designers teams.

Direct communication with product owner

Tools:

Jira, git, github actions, GCP (storage, instances, cloud functions, schedules, firestore, IAM, big query, crashlytics, pub/sub), google payments, apple payments, sendgrid, docker.

Epam feb 2021 - sep 2021 8 month

Roles: key developer.

Responsibility:

Compliance with safety standards.

Implementing new features in java project and cover them with test.

Implementing CI/CD.

Support legacy code.

Analyse code with SonarQube, fix issues refactoring.

Implementing infrastructure code that create/update AWS resources.

Sprint planning, code reviewing,

Demo sprint results to stakeholders/clients

Tools:

Microsoft teams suit, atlas suit, trello, jira, bitbucket, confluence, SonarQube, AWS (lambda, sqs, dynamoDB, infrastructure as a code)

Visual-Craft sep 2009 - feb 2012 2.5 years

Role: PHP backend developer, frontend developer

Responsibilities:

Designing and implementing backend and frontend solutions from scratch.

Designing and implementing database structure

Learning technologies required on the project

Configuring remote instances for PHP backend

Converting design into html, css, js.

COMMERCIAL EXPERIENCE

eKreative aug 2013 - dev 2020 7.3 years

Roles: key developer, mentor, 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

Supporting existing projects.

Configuring hosting infrastructure, remote instances, GCP, AWS.

Configuring containerised apps that automatically get scaled under load.

Working with various resr API.

Designing, implementing and demo of 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, implementing tests.

Mentoring QAs in automation selenium tests.

Helping developers from other platforms to setup CI/CD, cover code with tests.

Designing and implementing native android applications.

Direct communication with clients/product owners.

Sprint planning, code reviewing.

Tools:

gitlab, git, spring boot, play framework, GCP, AWS, postgres, android SDK, atlas suit

friend2friend feb 2012 - aug 2013 1.6 years

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

Roles: Java backend developer, facebook apps developer

Responsibilities:

Extending existing database.

Implementing java solutions using internal framework.

Implementing new features for internal framework

Implementing frontend.

Cooperation with designers.

Deep integration with linkedin and facebook services.

Communication and collaboration with foreign team

Tools:

SVN, java, flash(actionscript)

NON COMMERCIAL EXPERIENCE

Constant learning is one of my hobbies, apart from commercial experience I have some non commercial experience in development.

Gamedev experience:

As a child I had a dream to create a game, so, in my spare time I was learning gamedev frameworks like LibGDX, Unity3d, Unreal Engine.

Somehow, Unreal Engine become my favorite one, so I stick with it for last 5 years, which means I learn **c++** and **3D math** on a pretty decent level.

Open source experience:

I had Garmin smartwatches, and for a long time I could not find watchface I like, so I decided to create my own, apparently it becomes pretty popular, at the moment of writing, I have like **347517 downloads**.

I uploaded watchface code to public github repository, and it become pretty 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 time to time)

<https://t.ly/SEZ91>

Mobile Idea that was implemented before google

And again, I had a problem I created solution. My wife went to sport gym after work, and I was worried that she had to come back home late at night. So I created simple android application where we could share our locations in realtime. Later I added more options, like, funny animal avatars, adding friends, settings. Later, google announced exact same feature in their map application, and I abandoned my app and started using the google one.

Here is a link to google photo album, how it looked, the project was started in 2016, **long before google released their implementation** of realtime location sharing to google maps

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

S U M M A R Y

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