

ján čabala

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<https://github.com/zladovan/>

ABOUT

I am a generalist who feels the best while swimming in uncharted waters.

During 10+ years as professional software developer I participated on a development of various types of applications and I tried multiple roles. I have experience with testing, programming web UI's, designing and implementing REST API's, building data analytics platform, configuring automated builds, deploying and monitoring of what I have built.

PREFERENCES

It depends on specific situation but generally I currently prefer to use:

Language	<i>Go for tooling</i> <i>Kotlin for backends</i> <i>Python for data analysis</i> <i>TypeScript for Web UI's</i> <i>Markdown for Documentation</i>
VCS	Git
CI/CD	GitHub Actions + Shell scripts / Ansible
DB	PostgreSQL <i>as relational DB and as document storage too</i>
Monitoring	Prometheus + Grafana
Web UI	Angular
OS	Linux
Others	<i>GitHub for project hosting</i> <i>Monorepository for multiple project organization</i> <i>Gradle as build tool not only for JVM projects</i> <i>Docker + Docker compose for quick local setup / testing</i> <i>gRPC for service-to-service communication</i>

PERSONAL

open-minded

I really do not like “black and white thinking”,
I usually try to understand other ones perspectives,
I have no problem to accept that I was not right,
I realize that it can sometimes lead to hesitancy.

adaptable

I am enjoying most the time when there is a lot of new around,
I am able to forget what I do not need now really fast.

patient

I often hear it from others.

WORK EXPERIENCE**2019 – 2020**

#freelance

Software Engineer**E-commerce customer**

implementation of aggregator and unified API for multiple sellers
complete solution from scratch

full stack development

Kotlin, PostgreSQL, gRPC, Angular, Gradle

2019

#startup

Software Engineer / Co-Founder**Unravela**

<https://unravela.com/organizations/twitter/>

cofounding startup analyzing data mined from Git repositories
implementation of reports and platform for generating reports

Python, Pandas, Go

2014 – 2019

#full_time

Software engineer**Wirecard s.r.o**

mostly backend development on multiple projects

Analytics system for credit card payments - OMNI

- > Data engineering
- > ETL implementation
- > Batch analyses implementation – hourly, daily
- > Streaming aggregations implementation

Scala, ScalaTest, Cloudera's Hadoop distribution, Apache Spark, Apache Flink, Kafka, Avro, SBT, Gradle

Analytics for loyalty system – CPOS

- > REST API implementation
- > ETL implementation
- > Batch analyses implementation – daily

Java, JUnit, Play Framework, Oracle DB, MySQL, Elasticsearch, Pentaho, SBT, Gradle

Alipay integration for POS terminals

- > REST API implementation

Java, JUnit, Play Framework, Oracle DB, SBT

Online payment gateway - Elastic Engine

- > adding support for new payment method
- > core maintenance
- > smaller core refactorings

Java, JUnit, Spring, Camel, MySQL, MyBatis, Maven

- 2013 – 2014** *Web developer*
#full_time **Software a.g.**
 implementation of new features for ARIS Connect
Java, GWT, HTML, CSS
- 2012 – 2013** *Automated test developer / Web developer*
#full_time **Software a.g. (IDS Scheer SDC), Košice, Slovakia**
 implementation of GUI automated tests for ARIS Business Architect
 whole design and implementation of test results collecting system
 > results reporting API as a part of test framework
 > results queue consumer
 > results database
 > web application with results statistics, tables, graphs
Java, JUnit, TestNG, Abbot, Selenium, ActiveMQ, Spring MVC, JSP, Hibernate, PostgreSQL, JavaScript, HTML, CSS
- 2010 – 2012** *Automated test developer*
#part_time **IDS Scheer SDC, Košice, Slovakia**
 implementation of GUI automated tests for ARIS Business Architect
 extending existing test framework
Java, JUnit, TestNG, Abbot, Selenium, Ant
- 2008 – 2009** *Web developer*
#part_time **AIT, s.r.o, Košice, Slovakia**
 analysis of user requirements
 implementation of front end, back end and database layer
PHP, PostgreSQL, HTML, CSS, JavaScript

OPEN SOURCE

I am big fan of open source. I learned a lot from open source projects and I like to share my work too. Following are my most popular projects.

- 2020** **Gorched**
<https://github.com/zladovan/gorched>
 terminal based game inspired by Scorched earth
 my most popular project
Go, ASCII graphics
- 2019** **Monorepo**
<https://github.com/zladovan/monorepo>
 showcase for building projects organized in monorepository with multiple popular CI tools
Shell script, Gradle, CircleCI, Bitbucket Pipelines, Travis CI, GitHub Actions
- 2019** **Gradle avrohugger plugin**
<https://github.com/zladovan/gradle-avrohugger-plugin>
 gradle plugin for generating scala case classes from apache avro schemas, datafiles and protocols
Gradle, Groovy

To see others check out my GitHub:

<https://github.com/zladovan>

EDUCATION

2006 – 2010 **Bachelor's degree**

Technical University, Faculty of electrical engineering and information technology, Košice, Slovakia
Department of Computers and Informatics

2010 – 2012 **Master's degree**

Technical University, Faculty of electrical engineering and information technology, Košice, Slovakia
Department of Computers and Informatics

Thesis: Educational simulation system – Graphical editor
implementation of editor for simulation system (inspired by Simulink)
Java, SWING

HOBBY

hiking, rock climbing, reading, programming