

Kirill Feoktistov

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I enjoy crafting complex software.

My portfolio includes:

- *Java Web Apps*
- *Android Apps*
- *ETL*
- *Enterprise Data Warehouse projects*
- *Blockchain*
- *Getting into AI/ML in production now.*

Apart from that I am a big fan of GNU/Linux and FOSS.

I have IRP/Stamp 4.

Technical Skills

Likes: java nosql linux bigdata open-source amazon-web-services docker machine-learning functional-programming data-mining
Dislikes: gwt javascript frontend php

Experience

Senior Software Engineer – Genesys *Apr 2019 → Current*
node.js, typescript, microservices, amazon-dynamodb, docker, jenkins, selenium, java, apache-kafka, websocket, sumologic, ansible, amazon-web-services

Software Developer and Data Engineer – Texuna *Sep 2012 → Mar 2019*
java-ee, postgresql, scala, sql, linux, spring, hibernate, unit-testing, maven, ant, xpath, xquery, git, svn, html5, css3, wicket, web-services, cordova, android, twitter-bootstrap, data-warehouse, amazon-web-services, etl, pentaho-data-integration, azure, bash, dot, data-import, data-cleaning

Web and mobile applications development. Enterprise Data Warehouse solutions.

Android Developer – Bemmco *Apr 2015 → Feb 2016*
android, google-cloud-messaging, mediacodec, picasso, rest, sqlite, amazon-web-services, material-design

Android application development - full cycle development

Android Developer – Tweekaboo *Feb 2014 → Jul 2015*
android, google-cloud-messaging, facebook, instagram, dropbox, mediacodec, picasso, rest, sqlite, amazon-web-services

Android developer (of two on the project). My general participation was working on database layer rather than frontend.

Software Engineer – Scientific & Research Institute ARGON *Nov 2007 → Sep 2012*
c, c++, linux-device-driver, linux, rtos, cluster-computing, qnx, qnx-neutrino, systems-programming

Software development for embedded systems used in aviation and aerospace.

Education

M036: New Features and Tools in MongoDB 3.6 – MongoDB University *Dec 2017 → Jan 2018*
mongodb, vagrant, linux

Specialist – National University of Science and Technology "MISIS" (Moscow Institute of Steel and Alloys) *Sep 2004 → Sep 2009*
database, oop, artificial-intelligence, math, logic, operating-system, real-time, algorithm, graph, discrete-mathematics

Defended the diploma with honors.

Certifications

AWS Certified Developer - Associate Level – <https://www.certmetrics.com/amazon/public/badge.aspx?i=2&t=c&d=2015-09-25&ci=AWS00162673> *2015 → 2020*
amazon-web-services

Introduction to Functional Programming in OCaml (fun-mooc.fr) – https://drive.google.com/file/d/1SBitsOYbMgT3MZzEzYEm5m-05qWJxp0sH/view?usp=sharing ocaml, functional-programming	Feb 2019 → Current
Advanced Data Mining with Weka – https://drive.google.com/file/d/0B_j3RTS7L4XFSUJUURLVXVsaEk/view?usp=sharing weka, r, data-mining, machine-learning, java	Jul 2017 → Current
DAT216x: Delivering a Relational Data Warehouse – https://courses.edx.org/certificates/0cd49f04f7984f4b8b8181345afb20cc data-warehouse, data-modeling, ssis, sql-server, sql	Sep 2016 → Current
Pentaho Data Integration Fundamentals (DI1000) – https://drive.google.com/file/d/0B_j3RTS7L4XFY0R6dzZha3NnQlk/view?usp=sharing pentaho-data-integration, pentaho-spoon, etl, data-warehouse, java, data-import	Apr 2016 → Current
Principles of Reactive Programming – https://www.coursera.org/account/accomplishments/certificate/2BA9WS56WM scala, akka, functional-programming, reactive-programming	Jun 2015 → Current
C100DEV MongoDB Certified Developer Associate Level – https://university.mongodb.com/certification/display_certificate? csrfmiddlewaretoken=c8tZORkF5XNYlq0hivP8klFUF72wuFA4yTnObGe7CRl8Tai7nSwqAD0pHnVPo7tt&license1=882&license2 mongodb	Jan 2015 → Current
Functional Programming Principles in Scala – https://www.coursera.org/account/accomplishments/certificate/W6FHY6DRY3 scala, functional-programming	Nov 2014 → Current
Oracle Certified Professional, Java SE 6 Programmer – https://www.youracclaim.com/badges/57106f41-8c9d-4dd5-9caa-4396b4e16f44 java	Dec 2012 → Dec 2018
Brainbench Master C++ Certificate (score 4.46) c++	2012 → 2015

Projects & Interests

Stack Overflow – https://stackoverflow.com/users/3292393/kirill-feoktistov Written 19 answers. Active in android and java.	Feb 2014 → Current
WebApplicationArchitectures – https://github.com/kfeoktistoff/WebApplicationArchitectures ruby 'Web Application Architectures' Coursera course by University of New Mexico	Feb 2015 → Current
androidpart1 – https://github.com/kfeoktistoff/androidpart1 xml "Programming Mobile Applications for Android Handheld Systems: Part 1" Coursera course by University of Maryland	Feb 2015 → Current
ExploratoryDataAnalysis – https://github.com/kfeoktistoff/ExploratoryDataAnalysis r Exploratory Data Analysis course by Johns Hopkins University	Feb 2015 → Current
GettingAndCleaningData – https://github.com/kfeoktistoff/GettingAndCleaningData r Coursera 'Getting and Cleaning Data' course	Jul 2014 → Current
RProgramming – https://github.com/kfeoktistoff/RProgramming r Coursera "R Programming" course	Jun 2014 → Current
MachineLearning – https://github.com/kfeoktistoff/MachineLearning matlab, octave Coursera 'Machine Learning' course	Jun 2014 → Current

Exercises from "Scala For The Impatient" by Cay Horstmann

Apps & Software

Enterprise Data Warehouse for Oxford Brookes University – <https://www.brookes.ac.uk/> *Mar 2019*
data-warehouse, pentaho-data-integration, postgresql-10, oracle11g, amazon-s3, amazon-ec2, amazon-redshift, linux, bash, git, flyway, data-import, data-modeling

Enterprise data warehouse for Oxford Brookes University developed in agile methodology.

ETL developer

Data Warehouse project in Ireland *Mar 2019*
sql-server, alteryx, flyway, data-warehouse, snowflake-schema, salesforce, postgresql, data-cleaning, data-analysis, windows

A Data Warehouse project with Alteryx ETL tool. The project was developed by a small team. My main role was ETL developer and data engineer.

Business Intelligence automation project in the UK *Apr 2018*
java, amazon-s3, aws-lambda, amazon-sqs, rest, serverless, data-import, qlik sense

The project includes automatic data transfer from the customer's survey platform to AWS cloud and building BI reports on it.

My role was the main developer and architect.

Edubase – <https://www.education.gov.uk/edubase> *Jul 2017*
spring-mvc, sql-server, quartz-scheduler, spring, hibernate, azure-sql-database, azure-web-sites

The portal provides information about all education establishments in England and Wales, provides possibility to subscribe to the establishment updates by email. The portal is integrated with other services of education.gov.uk

Fullstack developer

Enterprise Data Warehouse project for Jisc (UK, High Education) – <https://www.jisc.ac.uk/> *May 2017*
pentaho-data-integration, java, tableau, flyway, git, amazon-s3, amazon-ec2, amazon-rds, amazon-redshift, aws-lambda, linux, bash, mediawiki-api, agile, postgresql, pivottracker, google-analytics-api, elasticsearch, salesforce

Complex Enterprise Data Warehouse project developed and managed in agile way.

It gathers information from about 100 sources including emails, REST API, relational databases, files in different format, elasticsearch logs, Google Analytics and other.

My role in the team was a ETL and Java developer. Also I was a trainer for team on the customer's side.

ETL business process automation project in Ireland *Jan 2016*
pentaho-data-integration, mysql, oracle, data-import, windows-server

The purpose of the project was automation internal business processes in a customer's company. My main role was ETL architect and developer.

indeemo | Ethnography Platform - Android Apps on Google Play – <https://play.google.com/store/apps/details?id=com.bemmco.indeemo&hl=en> *Feb 2015*
android, material-design, retrofit, robovm, sqllite, ormlite, rest, mediacodec

indeemo is an in-the-moment ethnographic platform for researchers and agencies.

Android developer (the only developer on the project)

Universal Travel Guide mobile app (cancelled) *Dec 2014*
android, ios, cordova, ionic-framework, phonegap, wikipedia-api, sqllite, geolocation, angularjs, gruntjs, google-maps-api-3, machine-learning

Tweekaboo: Baby Photo Book - Android Apps on Google Play – <https://play.google.com/store/apps/details?id=com.instidia.tweekaboo&hl=en> *Jul 2014*
android, material-design, retrofit, robovm, sqllite, facebook, dropbox-api, instagram-api, ormlite, rest

Tweekaboo is the application for keeping a diary of pregnancy and a baby's first years. Think of it as a private version of Facebook, but for both you and your partner.

web services implementation, database schema design, business logic implementation, integration with Facebook, Dropbox, Instagram, collaboration with backend team

Secure Access – <https://sa.education.gov.uk/i>
spring, hibernate, wicket, postgresql, saml, web-services, soap, java

Apr 2014

Login portal to Department for Education's of UK services

Fullstack developer

Department for Education Initial Teacher Training (UK, Education sector, closed now) –
https://en.wikipedia.org/wiki/National_College_for_Teaching_and_Leadership
java, spring, wicket, xslt, rest, sql-server

Jan 2014

Initial Teacher Training service for Department for Education of the UK. Also known as TTA, TDA, TA, NCTL.

Fullstack developer

Item Bank – <https://itembank.education.gov.uk>

Sep 2013

java, spring, hibernate, wicket, postgresql, mondrian, linux, amazon-web-services, amazon-rds, amazon-s3, html5, css3, olap, rpm

The portal provides functionality to manage questions, items, booklets etc for the government exams in the UK

Fullstack developer

NSS – <https://nss.texunatech.com/>

Jun 2013

java-ee, wicket, postgresql, mondrian, twitter-bootstrap-3, data-import, linux, rpm, olap

UK National Student Survey Results (NSS) website

Software developer (full stack) - starting the project - data cleaning and importing - frontend implementation - deploying/running scripts implementation - OLAP

Bosco - Internal Company CRM

Mar 2013

java, postgresql, rest, gwt, javamail, asterisk, hibernate, spring, jasper-reports, spring-security, lucene

Internal company CRM integrated with all customers' projects and VOIP.

Fullstack developer.

Graduate Teacher Programme (UK, Gov, Education sector, closed now) –

Dec 2012

https://en.wikipedia.org/wiki/Graduate_Teacher_Programme
java, hibernate, spring, wicket, sql-server

The Graduate Teacher Programme (GTP) was a programme in England and Wales for graduates who want to gain Qualified Teacher Status while working.

Fullstack developer.

Tools

First Computer: Pentium 133

Favorite Editor: IntelliJ IDEA