

Kirill Feoktistov

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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

Apr 2019 → Current **Senior Software Engineer (AI Group)** – [Genesys](#)
microservices, amazon-dynamodb, docker, jenkins, selenium, java, node.js, typescript, apache-kafka, websocket, sumologic, ansible, amazon-web-services, aws-step-functions, newrelic

Fullstack developer, scrum master

Sep 2012 → Mar 2019 **Software Developer and Data Engineer** – [Texuna](#)
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.

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

Android application development - full cycle development

Feb 2014 → Jul 2015 **Android Developer** – [Tweekaboo](#)
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.

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

Software development for embedded systems used in aviation and aerospace.

Education

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

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

Defended the diploma with honors.

Certifications

Sep 2015 → May 2024 **AWS Certified Developer - Associate Level** – https://drive.google.com/file/d/1gtwAol_uLOulbM5I6NAF4FZbZmlzCRyA/view?usp=sharing
amazon-web-services

Dec 2020 → Current **Oracle Certified Professional: Java SE 11 Developer** – <https://www.youracclaim.com/badges/40a2a021-3c6c-43ac-be79-849de38fe86e>
java-11

Jul 2020 → Current **English C1 Advanced (CAE)** – <https://www.cambridgeenglish.org/exams-and-tests/advanced/>

Feb 2019 → Current **Introduction to Functional Programming in OCaml (fun-mooc.fr)** – <https://drive.google.com/file/d/1SBitsOYbMgT3MZezYEm5m-05qWJxp0sH/view?usp=sharing>
ocaml, functional-programming

Jul 2017 → Current **Advanced Data Mining with Weka** – https://drive.google.com/file/d/0B_i3RTS7L4XFSUJUQUURLVXVsaEk/view?usp=sharing
weka, r, data-mining, machine-learning, java

Sep 2016 → Current **DAT216x: Delivering a Relational Data Warehouse** –
<https://courses.edx.org/certificates/0cd49f04f7984f4b8b8181345afb20cc>
data-warehouse, data-modeling, ssis, sql-server, sql

Apr 2016 → Current **Pentaho Data Integration Fundamentals (DI1000)** –
https://drive.google.com/file/d/0B_i3RTS7L4XFY0R6dzZha3NnQlk/view?usp=sharing
pentaho-data-integration, pentaho-spoon, etl, data-warehouse, java, data-import

Jun 2015 → Current **Principles of Reactive Programming** –
<https://www.coursera.org/account/accomplishments/certificate/2BA9WS56WM>
scala, akka, functional-programming, reactive-programming

Jan 2015 → Current **C100DEV MongoDB Certified Developer Associate Level** –
https://university.mongodb.com/certification/display_certificate?csrfmiddlewaretoken=c8tZORkF5XNYlq0hVp8kIFUF72wuFA4yTnObGe7CRI8Tai7nSwqAD0pHnVPo7tt&license1=882&license2=7
mongodb

Nov 2014 → Current **Functional Programming Principles in Scala** –
<https://www.coursera.org/account/accomplishments/certificate/W6FHY6DRY3>
scala, functional-programming

Dec 2012 → Dec 2018 **Oracle Certified Professional, Java SE 6 Programmer** –
<https://www.youracclaim.com/badges/57106f41-8c9d-4dd5-9caa-4396b4e16f44>
java

2012 → 2015 **Brainbench Master C++ Certificate (score 4.46)**
c++

Projects & Interests

Feb 2014 → Current **Stack Overflow** – <https://stackoverflow.com/users/3292393/kirill-feoktistov>
Written 19 answers. Active in android and java.

Feb 2015 → 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

Jul 2014 → Current **GettingAndCleaningData** – <https://github.com/kfeoktistoff/GettingAndCleaningData>
r
Coursera 'Getting and Cleaning Data' course

Jun 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

May 2014 → Current **ScalaForTheImpatient** – <https://github.com/kfeoktistoff/ScalaForTheImpatient>
scala
Exercises from "Scala For The Impatient" by Cay Horstmann

Predictive Engagement – <https://all.docs.genesys.com/UseCases/Public/PureCloud/SL09>

java, node.js, apache-kafka, amazon-web-services, serverless, spring-boot, amazon-dynamodb, linux, docker, microservices, ansible

Genesys Predictive Engagement monitors individual customer journeys on your company website. It applies machine learning, dynamic segmentation, and real-time outcome scoring to identify the right moments for proactive engagement with the right customer through chat. When the visitor interacts, the sales rep has the customer journey information at their fingertips.

Mar 2019 **Enterprise Data Warehouse for Oxford Brookes University** – <https://www.brookes.ac.uk/>

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

Mar 2019 **Data Warehouse project in Ireland**

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.

Apr 2018 **Business Intelligence automation project in the UK**

java, amazon-s3, aws-lambda, amazon-sqs, rest, serverless, data-import, qlikSense

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.

Jul 2017 **Edubase** – <https://www.education.gov.uk/edubase>

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

May 2017 **Enterprise Data Warehouse project for Jisc (UK, High Education)** – <https://www.jisc.ac.uk/>

pentaho-data-integration, java, tableau, flyway, git, amazon-s3, amazon-ec2, amazon-rds, amazon-redshift, aws-lambda, linux, bash, mediawiki-api, agile, postgresql, pivotaltracker, 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.

Jan 2016 **ETL business process automation project in Ireland**

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.

Feb 2015 **indeemo | Ethnography Platform - Android Apps on Google Play** – <https://play.google.com/store/apps/details?id=com.bemmco.indeemo&hl=en>

android, material-design, retrofit, roboSpice, sqlite, ormlite, rest, mediacodec

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

Android developer (the only developer on the project)

Dec 2014 **Universal Travel Guide mobile app (cancelled)**

android, ios, cordova, ionic-framework, phonegap, wikipedia-api, sqlite, geolocation, angularjs, gruntjs, google-maps-api-3, machine-learning

Jul 2014 **Tweekaboo: Baby Photo Book - Android Apps on Google Play** – <https://play.google.com/store/apps/details?id=com.instidia.tweekaboo&hl=en>

android, material-design, retrofit, robospice, sqlite, 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

Apr 2014 **Secure Access** – <https://sa.education.gov.uk/>

spring, hibernate, wicket, postgresql, saml, web-services, soap, java

Login portal to Department for Education's of UK services

Fullstack developer

Jan 2014 **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

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

Fullstack developer

Sep 2013 **Item Bank** – <https://itembank.education.gov.uk>

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

Jun 2013 **NSS** – <https://nss.texunattech.com/>

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

Mar 2013 **Bosco - Internal Company CRM**

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.

Dec 2012 **Graduate Teacher Programme (UK, Gov, Education sector, closed now)** –

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