



Ilya Zuev

Software Developer

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Age	47 years
City	Frankfurt, Germany

Summary

- Data Integration / ETL / Big Data: IBM InfoSphere DataStage, Apache Spark
- Programming Technology / Frameworks: Scala, Haskell, Java, Spring Boot, JS, PL/SQL
- Databases Architecture and Technology: Oracle, Impala, MySQL
- Software Development Lifecycle: agile development methods, process improvement
- Architecture / Modeling: microservices, functional/OO design, database design
- Tools: Docker, Maven, Sbt, Git, YourKit, IntelliJ IDEA, Jenkins, Selenium, JBoss

Employment

Software Developer, Architect

ING-DiBa AG / Frankfurt am Main, Germany

Since Januar 2019

Project: ETL, special project for control/maintain/adjusting/management of all data flows

Responsibilities:

- lexical&grammatical parsing SQL&PL/SQL source codes, IBM InfoSphere DataStage assets and Automic UC4 objects (Java, Antlr, Oracle, IBM InfoSphere DataStage, UC4)
- abstract syntax trees processing
- gathering of metadata about data movement through Datastage jobs and database objects
- building data flow graphs, statistic, reporting
- adjusting and generation IBM InfoSphere DataStage assets (code generation)
- massive configuration and versioning
- project target groups: architects, developers, DBAs, business analysts, data cleaning/compliance, gdpr

Software Developer

Bundesrepublik Deutschland - Finanzagentur GmbH / Frankfurt am Main, Germany

April 2017 – December 2018

Project: Risk controlling system

Responsibilities:

- Development and maintenance Big Data Architecture (Scala, Apache Spark, HDFS, Impala, Oracle)
- Development and maintenance ETL processes (Spark, Apache Camel)
- Development Microservice architectures with Spring Boot MVC, Swagger
- Performance profiling: Yourkit Java Profiler

Software Developer

Hogrefe Verlag GmbH & Co. KG / Göttingen, Germany

June 2011 - March 2017

Project: Hogrefe TestSystem Project

Responsibilities:

- Project Architecture (Online Edition/Intranet/Offline Edition/SOAP/JSON RPC API)
- Fullstack development (Java 8 / Java EE, Spring, Javascript / ExtJS, XSLT, Sql)
- Development and maintenance multitenant database architecture (MySQL, MariaDB)
- Integration of different projects in a single system
- Parallelize the originally single-threaded architecture
- Backend Framework: MVC Architecture (java concurrency, jdbc); Internet/Intranet (Java Servlet

API / Jetty / Tomcat-Cluster); Security system; Cache System (Ehcache-based); Database Connection Pool (BoneCP-based); Database Migration & Source Control (LiquiBase); Templating (FreeMaker); Embedded Script System (Rhino); Offline Edition (SWT/ XULRunner, NodeJS/Chromium/Electron)

- Frontend UI (Javascript/ExtJS MVC Architecture)
- ETL, analyse and explore data: (Saiku Business Analytics, Talend Open Studio, Scala, Apache Spark)
- Development and maintenance own translation System (Google Translate API-based)
- Stress tests, integration tests, safety tests
- Performance profiling (YourKit Java Profiler, Jvisualvm, Java Melody)
- as well as Jenkins, Selenium, Maven, Eclipse

Software Developer, Consultant, Project manager

Unitecsys / Moscow, Russia

July 2008 - September 2010

Responsibilities:

Development and maintenance software products (PHP, JavaScript, SQL)

Projects:

- The means of automation of development of the software product for web technologies
- The automated tax system, website and content management system for the company legally provide the services.
- «Financial and Retail Solutions». Tax system of cash terminals with the safes. (for the American society <http://www.arcatechsystems.com/>).
- Payment gateway (POS terminal) for payments to ATMs with credit cards (part of the project "Electronic Government").
- Factoring system.
- Media Content Control Terminals - Hardware software for Terminal for Communication Services to pay for sale and rental of media content.
- The planning system of the organizational structure of companies.
- Content Management System (CMS) / Framework for Websites: with Google Maps API
- Control panel of issuing credit cards

Software Developer, Deputy Head of Department

Energokaskad / Moscow, Russia

October 2005 – June 2008

Responsibilities: Development and maintenance software products (Delphi, C#, MS SQL Server, Microsoft Analysis Services)

Project: Uniform information system for the automation of bookkeeping and business administration (financial accounting, document circulation, personnel office, etc.)

Software Developer, Project manager

Profitmed (Pharmaceutical industry. Industrial warehouses) / Moscow, Russia

June 2003 – September 2005

Responsibilities: Development and maintenance software products (C++, SQL, XSLT, Firebird)

Project: Automating warehouse management (automation system for warehouse management processes)

Software Developer, Project manager

Business Enterprise / Russia, USA

2001 – 2003

Responsibilities: Development and maintenance software products (C++/MFC, SQL, XSLT, MS SQL Server)

Project: Unified information system for the automation of accounting and business administration (with software development – RAD).

Software Developer, Head of Department

Okey (Advertising and information agency of the newspaper „MK“) / Moscow, Russia

May 1997 – July 2001

Responsibilities: Development and maintenance software products (C++, SQL, MS SQL Server, Paradox)

Project: The collection and analysis of the distribution of advertising space. Customer Relationship Management System.

Software Developer

TurkmenDesignSoft (Ministry of Commerce) / Ashkhabad, Turkmenistan

June 1995 – September 1996

Data center. Software for accounting (TurboPascal, TurboVision)

Education

Integration course / Friedland, Germany

September 2010 – March 2011

Turkmen State Institute of Economics and Management / Ashkhabad, Turkmenistan

Specialization: Business Informatics and Automated Control Systems.

Diploma: Industrial Engineer

1990 - 1995

Programming courses «Programming and Economics» / Ashkhabad, Turkmenistan

1990 – 1995

Language Skills

- Russian (native)
- German (fluent)
- English (good)