

# Nikita Panteleev

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StackOverflow: <http://stackoverflow.com/users/3744640/ipoteka>

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## Objective

I seek my next job in the area of scalable highload architecture. Preferably using Scala.

## Summary

I like functional programming and computer science in general. I have experience in backend development using Scala/Akka stack in gambling and in e-commerce. My main language is Scala but I have experience with C++, python, Java, C#, hipster JS. I worked with Apache Spark, Akka (persistence, cluster), Scalaz in some isolated cases (like Dependency injection or Validation). I have basic understanding of machine learning techniques and NLP, still remember some algorithms. I prefer real-world product development with real customers. I studied physics at university (Bachelor Degree) which gave me solid math background and model thinking.

## Experience

### Team lead, logistics startup

Dubai, United Arab Emirates — June 2017 - now

I managed the small distributed multicultural team of developers. I introduced agile practices, wrote docker builds, added gitlab pipelines with DCOS, configured network rules and improved java code.

#### Technologies:

- Languages: Java, Scala, JavaScript
- Frameworks: Spring framework (Spring jpa, Spring security + jwt, Spring REST DATA), Querydsl, jOOL collections, lombok
- Infrastructure: microservices, Docker, mesos/DCOS, gitlab pipelines.

#### Accomplishments

- Delivered promised features in time.

### Scala Developer, Noon.com

Dubai, United Arab Emirates — December 2016 - May 2017 (6 months)

Delivering business features in fast-growing e-commerce startup, managing remote contractors, supporting existing infrastructure. Project is finished due to specific market reasons.

#### Technologies:

- Languages: Scala, Java, NodeJs
- Frameworks: akka (cluster/sharding/persistence), play, scalaTest, kafka (with reactive streams + avro/protobuf serialization), cassandra, camel, slick + postgres

- Infrastructure: microservices, Docker, mesos/DCOS, gitlab pipelines, metrics (prometheus/grafana)

#### *Accomplishments*

- Developed and supported microservices for product quantity handling, selling offers workflow, integration with third-party suppliers, backoffice reporting tools
- Delivered multiple features among all microservices - customer experience, user management, supply & logistics, orders

### **Scala Developer, Evolution Gaming**

Riga, Latvia — December 2015 - present (10 months)

Maintaining and delivering new features to the most profitable product of the live casino provider.

#### *Accomplishments*

- Migration from Java-like stack to the Event driven model and Akka persistence, Akka-cluster
- Stable support of production (which means 30% of work time is wasted on log grepping and linking/duplicating tickets together.)

### **Scala Proselyte, TopRater.com**

Moscow, Russia — July 2014 - December 2015 (1 year 5 months)

Crawling data from different web resources using distributed scrapers, cleaning and transformation of data, developing and maintaining ETL-like framework with Apache Spark, developing backend rest api.

#### *Accomplishments*

- Crawled data from different sources. Managed outsource parsers. (Python, SQLAlchemy, Gearman, BeautifulSoup, PyTests)
- Cleaned and coded transformation in various data domains (Postgres 9.4, Bash, python)
- Wrote server with visualization and metrics (Python, Flask, AngularJS, D3Js)
- Maintained and add new features to backend Api (Python, MongoDB, Elasticsearch, Flask)
- Developed data pipeline (etl-like) using Scala, Json4s, Apache Spark (Graphx, MLlib), Scalaz.
- Wrote a few microservices for interaction between api and spark processing (Spray.io, Akka-http)

### **Software Engineer, Logrocon**

Moscow, Russia — October 2013 - July 2014 (10 months)

Auto-testing of banking systems.

- Responsibilities: quality assurance, auto-tests development
- Achievements: configured and maintained Quality Assurance system, developed framework and tests for web-application
- Technologies: Java, IBM Rational Functional Tester, IBM Rational JTS,

CCM, QM

Small research projects

- Responsibilities: learn new technologies and create simple prototype projects
- Achievements: created prototype on java for android and on c# for windows mobile phone, node.js+angularJS for small web-application,
- Technologies: java, c#, node.js, html\css\bootstrapjs, angularJS

## Education

**Moscow Institute of Physics and Technology (State University) (MIPT)**

Bachelor, physics — 2007-2012

## Skills

- Scala
- Functional Programming
- Apache Spark
- Python
- Java
- JavaScript
- Postgresql
- Linux
- Computer Science
- Machine learning
- Kafka
- Cassandra

## Certifications

- **TOEFL IBT 101** (max. 120)  
Educational Testing Service, License 4510672860  
April 2013 – April 2015
- **Entrepreneurship specialization**  
Coursera, Dec 2017 -
- **Introduction to Data Science**  
Coursera, June 2013 -
- **Functional Programming Principles in Scala**  
Coursera Verified Certificates, License PXCVKQUBJH, June 2014
- **Mining Massive Datasets**  
Coursera, December 2014
- **Machine Learning**  
Coursera, December 2014
- **Programming Languages**  
Coursera Verified Certificates, License GGFFJSM7HU, December 2014
- edX Honor Code Certificate for **Learning From Data (introductory Machine Learning course)**  
edX, December 2014
- **Algorithms: Design and Analysis, Part 2**  
Coursera, May 2014
- edX Verified Certificate for **Scalable Machine Learning**  
edX, July 2015

Full list is on linkedin profile, these are the most interesting ones.