



## Marat Tukhvatullin

SOFTWARE ENGINEER

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Hello! I'm Marat and I am a software engineer

## Work Experience

### Senior Software engineer, tick Trading Software AG

*Software development, Düsseldorf, Germany, 06/2020-present*  
[tick-ts.de](https://tick-ts.de)

Java Groovy Multithreading MySQL Docker

Developing high performance distributed trading platform.

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### Senior Software engineer, freshcells systems engineering GmbH

*Software development, Düsseldorf, Germany, 06/2018-05/2020*  
[freshcells.de](https://freshcells.de)

Java Kotlin Docker Kubernetes Helm GCP Jenkins Bitbucket Spring Boot  
Spring Cloud Data Flow Spring WebFlux RabbitMQ MongoDB MySQL PostgreSQL  
Elastic Search GraphQL RSocket

## Projects

### ProMaterial ([promaterial.com](https://promaterial.com))

Worked on the project as senior backend developer. Designing, developing and deploying highly distributed microservice oriented platform.

“ ProMaterial is the new technology network specialising in online sale of construction products. The innovative sales concept supports the search for and the purchase of building materials within milliseconds in different channels. ProMaterial already lists 200 manufacturers with 500,000 products for sale in Germany, Austria and Switzerland. ”

### Fusion ([freshcells.de/products/fusion](https://freshcells.de/products/fusion))

Designed, build, maintained CI/CD for the project using Jenkins and Bitbucket Pipelines. Designed and developed Spring-Boot based reactive microservices.

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## **Team lead / Software engineer, Cinarra Systems**

*Advertising Technology, Kazan, Russia, 12/2012–05/2018*

[cinarra.com](http://cinarra.com)

Java Spring Boot Maven Python PostgreSQL Hibernate Postgis AWS Docker Consul CouchDB Couchbase Protobuf Kafka Project management

“ Cinarra is a technology startup that is addressing the changing economics of an increasingly mobile society. By uniting mobile operators and their unique “always on” data assets with the advertising ecosystem. Cinarra unlocks real-life data that makes it possible for advertisers to match campaigns to consumers' activities in the real world. Through groundbreaking technology, Cinarra is creating the foundation for a new mobile Internet economy. ”

Leading investors: SoftBank, Almaz Capital, and Cisco Systems.

I was responsible for:

- Digital advertising campaign management web platform, the platform enables advertisers to create campaigns; specify individual ads, associated budgets, targeting and technical parameters; upload and manage creatives as well as receive performance reports
- Financial subsystem, that responsible for funds management lifecycle starting from adding funds to campaigns, record and including all steps involved in subsequent credit/debit operations
- Databases from business logic perspective. Data consistency, data migration/flow

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## **Software engineer, Center Group**

*Software Development, Kazan, Russia, 09/2009-11/2012*

[cg.ru](http://cg.ru)

Java Spring Maven Hibernate Tomcat Portlets PostgreSQL GWT/ExtJS Swing Oracle Ant

Worked on multiple projects with different technologies.

- Desktop applications for government agencies: "Technical Inventory Bureau" and "Registry Office"
  - Full-stack development of web applications and portals
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## Web developer, Volga Crisis Management Institute

*Software Development, Kazan, Russia, 09/2008-08/2009*

[pai.ru](http://pai.ru)

PHP JavaScript JQuery CSS MySQL

Full stack PHP, JavaScript development of real estate agency web site and internal administrator panels.

## Education

### Master of Computer Science

Kazan National Research Technical University

*Diploma with honors, Kazan, Russia, 2005-2010*

[kai.ru](http://kai.ru)

Mathematics Computer Science Algorithms Data structures Networking

## Skills

**Programming languages:** Java, Kotlin, Python, Clojure

**Build tools:** Gradle, Maven

**Frameworks:** Spring, Spring Boot

**Databases:** PostgreSQL, MySQL, MongoDB, CouchBase, CouchDB

**Asynchronous event processing:** Kafka, RabbitMQ

**Version control:** Git, Mercurial

**DevOps:** Docker, Kubernetes, Helm, Jenkins, BitBucket

**Non Technical:** Team Management, Scrum