Marat Tukhvatullin

SOFTWARE ENGINEER

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Hello! I am Marat, a skilled software engineer with a passion for creating high-quality software solutions. With a strong foundation in software development principles and methodologies, I specialize in designing and implementing robust and scalable applications. My expertise spans across various programming languages and technologies, allowing me to tackle diverse software development projects with precision and efficiency. I am committed to staying up-to-date with the latest industry trends and continuously expanding my skill set to deliver innovative and cutting-edge software solutions.

Skills

Programming languages: Java Kotlin Python Clojure
Build tools: Gradle Maven
Frameworks: Spring Spring Boot Dropwizard
Databases: PostgreSQL MySQL MongoDB CouchBase CouchDB Clickhouse Cassandra
Asynchronous event processing: Kafka RabbitMQ
Version control: Git Mercurial
DevOps: Docker Kubernetes Helm Jenkins BitBucket
Non Technical: Team Management Scrum Kanban
Others: Hazelcast

Work Experience

Senior Software engineer, Instana (IBM)

Observability Platform, APM. Germany, 03/2021-present

instana.com

Java Kotlin Reactor Kafka Hazelcast Elastic Search CockroachDB Clickhouse Monitoring

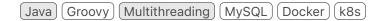> " *Instana is an application performance monitoring (APM) platform that helps organizations monitor and analyze the performance of their applications and infrastructure in real-time. It provides comprehensive observability into the entire application stack, including microservices, containers, cloud environments, and more.* "

As a senior software engineer in Instana's Issue Detection Team, I made valuable contributions to the development of our advanced application performance monitoring platform. Through data analysis and innovative approaches, we significantly enhanced the platform's capabilities. Our solutions empower customers to proactively detect problems and address performance issues within their applications and infrastructure at an early stage.

Senior Software engineer, tick Trading Software AG
Fintech. Düsseldorf, Germany, 06/2020-02/2021
tick-ts.de

`Java` `Groovy` `Multithreading` `MySQL` `Docker` `k8s`

> " *Tick TS AG specializes in high-performance trading software for financial markets. They provide innovative technology solutions to optimize trading strategies and operations, helping clients make informed decisions and enhance their trading performance.* "

In my role, I was responsible for developing a high-performance distributed trading platform. Throughout the development process, I conducted rigorous testing and performance analysis to identify and resolve bottlenecks, ensuring that the trading platform met the stringent requirements of the financial industry.

Senior Software engineer, freshcells systems engineering GmbH
Software development. Düsseldorf, Germany, 06/2018-05/2020
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`

Project: ProMaterial
promaterial.com

> " *ProMaterial is the new technology network specialising in online sales 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.* "

As a senior backend developer, my role encompassed working on a project that involved the design, development, and deployment of a event-driven platform based on microservices architecture.

Project: Fusion

freshcells.de/products/fusion

I was involved in the design and development of reactive microservices based on Spring Boot. Additionally, I took charge of designing, building, and maintaining the project's CI/CD pipeline using Jenkins and Bitbucket Pipelines.

Team lead / Software engineer, Cinarra Systems

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

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.*

During my role, I had the following responsibilities:

- Overseeing a web platform for managing digital advertising campaigns. This platform empowered advertisers to create campaigns, set up individual ads with budgets, targeting parameters, and technical specifications. Additionally, it facilitated creative management and provided performance reports.
- Managing the financial subsystem, which encompassed the entire lifecycle of fund management for campaigns. This involved processes such as adding funds to campaigns and maintaining detailed records of all credit and debit operations.
- Ensuring the integrity and smooth functioning of databases from a business logic perspective. This included maintaining data consistency, overseeing data migration processes, and ensuring the seamless flow of data.

Software engineer, Center Group

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

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

Web developer, Volga Crisis Management Institute

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

pai.ru

`PHP` `JavaScript` `JQuery` `CSS` `MySQL`

I developed a full-stack web application for a real estate agency, utilizing PHP and JavaScript. This included creating the agency's website and internal administrator panels.

Education

Master of Computer Science

Kazan National Research Technical University

Diploma with honors, Kazan, Russia, 2005-2010

kai.ru

`Mathematics` `Computer Science` `Algorithms` `Data structures` `Networking`