

# ILDAR SHAYAKHMETOV

## Software Engineer

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### EXPERIENCE

<b>Kotlin Software Engineer</b> Paysend	02/2023 - Present Belgrade, Serbia
<ul style="list-style-type: none"><li>Developed and maintained high-load payment services using Kotlin and Java</li><li>Designed reactive microservices architecture with Project Reactor</li><li>Ensured PCI DSS compliance and transaction security</li><li>Integrated external payment systems and messaging over RabbitMQ</li><li>Implemented CI/CD (GitLab) and test automation (JUnit, TestContainers)</li></ul>	
<b>Senior Java Developer</b> Perfect Art	05/2022 - 02/2023 Belgrade, Serbia
<ul style="list-style-type: none"><li>Led backend development using Java/Kotlin</li><li>Built integrations with external systems and improved code maintainability</li><li>Utilized modern practices in Spring ecosystem</li></ul>	
<b>Java Software Engineer</b> Mts	05/2020 - 05/2022 Moscow, Russia
<ul style="list-style-type: none"><li>Designed architecture for high-load data streaming platform using Akka Streams</li><li>Built services communicating via Kafka; implemented Aerospike for deduplication and persistence</li><li>Developed in Java and Scala, with JUnit and ScalaTest for coverage</li></ul>	
<b>Java Software Engineer</b> Alfa-Bank	08/2019 - 10/2019 Moscow, Russia
<ul style="list-style-type: none"><li>Supported and extended core banking service for OpenID Connect authentication</li><li>Used RatPack, Spring, and redesigned database model</li><li>Migrated legacy services to new microservice architecture</li></ul>	
<b>Java Software Engineer</b> EPAM Systems	08/2019 - 10/2019 Moscow, Russia
<ul style="list-style-type: none"><li>Developed business logic and database interaction layer for a high-load data validation system</li><li>Built REST APIs and microservice integrations</li></ul>	
<b>Java Software Engineer</b> Raiffeisen Bank	05/2018 - 08/2019 Moscow, Russia
<ul style="list-style-type: none"><li>Refactored notification services; rewrote mass mailing flow</li><li>Built notification history service from scratch (Spring Integration)</li><li>Participated in frontend work (React/WebSocket)</li><li>Improved AJAX interaction and test automation foundation</li></ul>	
<b>Junior Java Developer</b> Trendsoft	04/2017 - 03/2018 Moscow, Russia
<ul style="list-style-type: none"><li>Maintained backend/frontend across projects</li><li>Integration with 1C and AmoCRM</li><li>Restructured NGINX configs and DB layers</li></ul>	
<b>Android Development Intern</b> Dixy	12/2016 - 03/2017 Moscow, Russia
<ul style="list-style-type: none"><li>Developed mobile UIS, DI, Retrofit networking, and RxJava-based callbacks</li><li>Refactored service communication logic</li></ul>	





### LANGUAGES

English    Advanced    ●●●●●    Russian    Native    ●●●●●

### SUMMARY

Software Engineer Kotlin / Java / Scala  
Enthusiastic software engineer passionate about high-load backend systems, functional programming, and clean architecture. In my free time, I enjoy playing volleyball and staying active. I also experiment with Rust and dive into the world of functional programming.

### KEY ACHIEVEMENTS

-  **Performance Optimization**  
Improved scalability of Paysend services by optimizing resource usage and tuning JVM performance.
-  **Built Streaming Platform from Scratch**  
Designed a real-time data streaming platform at MTS using Akka and Kafka
-  **Ensured Compliance & Security**  
Implemented PCI DSS compliant services with secure transaction handling.
-  **Cross-Tech Contributions**  
Contributed across Java, Kotlin, Scala, and Rust codebases using modern architecture patterns.