

Ignat Simonenko

Team Leader, Technical Leader, Software Engineer

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SUMMARY

With over 7 years of software engineering experience, including over 4 years in a leadership role, I have a diverse background in various domains such as logistics and supply chain management, e-health, e-commerce, energy services, marketing, and financial services. I have worked with both local startups and Big Tech companies, gaining valuable insights and expertise.

I firmly believe that fostering a well-functioning team is the key to achieving long-term business goals. Throughout my career, I have been dedicated to evolving the software development process and enhancing the overall engineering experience. My focus has been building result-oriented, proactive, and conscious teams that thrive in dynamic environments, enabling them to deliver value consistently.

I am driven by a passion for knowledge and sharing it with others. I actively contribute to the development of individuals, fostering their success within a collaborative team environment. By sharing my expertise and mentoring others, I aim to create an atmosphere of growth and achievement.

SKILLS AND TECHNOLOGIES

- **Programming languages:** Java, Kotlin
- **Software concepts:** Microservices, Software architecture, Distributed systems
- **Leadership and management:** Problem-solving, Employee lifecycle, Interviewing, Conflicts management, Mentoring, Efforts estimation, Code review, Incident management
- **Methodologies:** Agile, Scrum, Kanban, SAFe, Extreme programming
- **Frameworks and libraries:** Spring Boot, Hibernate, gRPC, Guice
- **Databases and caching:** PostgreSQL, Elasticsearch, Redis
- **Build and dependency management:** Maven, Gradle, Bazel, NX
- **DevOps and deployment:** Git, Jenkins, GitHub Actions, AWS, Ansible, Docker
- **Messaging systems:** Kafka, RabbitMQ
- **Testing frameworks and tools:** JUnit, Kotest, TestContainers, Awaitility, Mockito, MockK, Cucumber, JMeter, JMH
- **Monitoring and observability:** ELK, Micrometer, Prometheus, Grafana, New Relic

LANGUAGES

English – Advanced

Ukrainian – Native

Polish – Intermediate

WORK EXPERIENCE

DataArt, Lead Java Developer

November 2024 – Now

Shared development components for an investment and portfolio management firm

Role: Team Leader, Software Architect, Software Engineer

Duration: 5 months

- Increased adoption of shared components by 4x, enhancing development efficiency.
- Optimized backlog grooming and prioritization processes, maintaining a rolling one-year backlog, ensuring continuous alignment with organizational goals.
- Streamlined incident management procedures, achieving a 20% faster resolution time and enhancing system stability.
- Expanded unit test coverage to over 80%, improving code reliability and reducing production incidents by 15%.

Technologies: Kotlin, Java, Gradle, Spring Boot, OpenAPI, AWS, Docker, GitLab CI/CD Pipelines, JUnit, MockK.

Capgemini Engineering, Back-end Team Lead
Technical Lead

February 2022 – January 2024
January 2024 – October 2024

Data analytics solutions enhancing audit efficiency and risk management

Role: Team Leader, Tech Leader, Software Engineer

Duration: 2 years 8 months

- Led a cross-functional team to 95% on-time delivery, enhancing client satisfaction through effective synchronization and leadership.
- Directed product feature architectural enhancements, boosting system capacity by 10% and feature integration speed by 15%.
- Implemented process improvements, increasing team efficiency by 30% and reducing code defects by 20%.
- Mentored team members, leading to three developers' promotions and fostering career growth.

Technologies: Java, Spring Boot, Hibernate, jOOQ, NX, OpenAPI, Apache Spark, Gradle, Docker, GitHub Actions, Amazon EMR, Amazon DynamoDB, New Relic, JUnit, Mockito, Cucumber, Awaitility.

- Mentored engineers, supporting their career growth and aiding in achieving their professional goals.
- Conducted over 70 technical interviews, strengthening the team with qualified candidates and bolstering project capabilities.
- Completed Solution Architecture School, enhancing business outcomes with strategic solution design.

Data analytics solutions enhancing operational efficiency in the oil and gas sector

Role: Data Engineer

Duration: 5 months

- Revamped data processing infrastructure, cutting processing times by 50% and boosting efficiency by 20%.

Technologies: Scala, Apache Spark, Azure SQL Database, Azure Data Factory, Azure Databricks, Azure Storage, Azure Data Lake Storage Gen2, Azure Key Vault, Azure Batch, Azure DevOps, Azure Log Analytics.

Supply chain optimization and logistics services

Role: Team Leader, Software Architect, Software Engineer, Support Engineer

Duration: 1 year

- Optimized asynchronous communication, enhancing productivity and collaboration across distributed teams.
- Streamlined onboarding processes, reducing idle time by 50% and improving time-to-contribution by 20%.
- Instituted a grooming process, boosting team productivity by 20%.
- Engineered highly decoupled services, employing SOA to improve system robustness and scalability.
- Developed integration and load testing infrastructure, halving the defect rate and enhancing system performance by 30%.

Technologies: Java, Perforce, Mercurial, Spanner, Guice, gRPC, Protocol Buffers, Guava, AutoValue, Bazel, GCP, JUnit, Truth, Mockito.

Super App to support the digitalization of SMEs in West Africa

Role: Software Engineer

Duration: 2 months

- Adopted hexagonal architecture to enhance feature integration, resulting in a 5x acceleration of development speed.

Technologies: Java, PostgreSQL, Spring Boot, Hibernate, Flyway, AWS, Docker, Jenkins, Maven, JUnit, Mockito, TestContainers, Awaitility.

Agile Engine, Java Software Engineer

November 2018 – June 2020

Predictive analytics platform for real-time supply chain and risk management

Role: Software Engineer, Support Engineer

Duration: 1 year 8 months

- Refactored monolithic service into microservices, reducing message processing time by 30% and enhancing system scalability.
- Optimized the code review process, shortening review cycles by 20% and improving code quality.
- Implemented proactive monitoring, leading to a 40% decrease in incident resolution time and a 25% reduction in end-user-reported incidents.

Technologies: Java, Kotlin, PostgreSQL, Elasticsearch, Spring Boot, Hibernate, ActiveMQ, Kafka, AWS, Docker, Ansible, Jenkins, Maven, Gradle, JUnit, Mockito, TestNG, MockK, Kotest, Awaitility.

Altronica LTD, Full Stack Software Engineer

December 2017 – November 2018

- Successfully delivered multiple short-term projects on schedule, fulfilling all requirements. Complemented this achievement by enhancing productivity and reducing errors through quality gates, and optimizing system performance, resulting in improved user experience.

Technologies: Java, PostgreSQL, MySQL, SQL Server, Oracle Database, Apache Ignite, Elasticsearch, Spring Boot, Hibernate, Liquibase, RabbitMQ, Maven, Gradle, Jenkins, iText, JUnit, Mockito, Thymeleaf, AngularJS, React, Bootstrap, Gulp, Bower, Mocha, Nashorn, Webpack.