Alexey Dartau

Lead Java developer

Professional summary

Lead Java developer with 6 years of experience in leading and developing robust backend systems. Proficient in Java, Spring Boot, and microservices architecture, with a strong emphasis on clean code practices and scalable software design. Experienced in implementing and managing CI/CD pipelines, utilizing tools like Docker, Kubernetes, and Apache Kafka. Known for a self-driven approach, excellent leadership skills, and a collaborative mindset, consistently delivering solutions that drive business value. Strong problem-solving abilities and a proven track record in fostering team growth and optimizing project performance.

Education

Almaty University of Power Engineering and Telecommunications. Qualification awarded: Master's Degree in Technologies.

Industries

Enterprise, Banking, FinTech, Information Services

Technologies and tools

- Java, Kotlin
- Java EE
- Spring (Boot, Security, Data, WebFlux)
- PostgreSQL, MongoDB, Flyway, Oracle, Redis, MySQL
- Docker, Kubernetes, Apache Kafka, Apache Tomcat, Elasticsearch, Swagger, Keycloak, RabbitMQ, Graylog, SOAP, REST, JSP, Servlets
- AWS S3
- Bootstrap
- Git
- Camunda

Career

Darlean

Duration: 06.2024 — till now

The project focuses on developing a high-performance ERP system to automate business processes across various industries. The system is designed to efficiently manage resources, inventory, production, and financial operations in real-time. It enables companies to optimize workflows, track inventory and orders, manage interactions with clients and partners, and analyze business performance. The software features an intuitive user interface and seamless integration with external systems via APIs, ensuring scalability and flexibility to meet the needs of different businesses.

Team

15 specialists

Position

Lead Java developer

Responsibilities

- Driving architectural decisions, ensuring scalability, maintainability, and performance
- Mentoring engineers, conducting thorough code reviews, and fostering best development practices
- Monitoring system health, diagnosing performance issues, and implementing proactive optimizations
- Supervising system modifications and improvements
- Resolving disputes and conflicts within the team
- Training team members, setting strategies, and monitoring progress toward goals
- Organizing and coordinating team workflows
- Distributing relevant information to team members and stakeholders
- Tracking and structuring various project tasks for efficiency
- Defining project requirements and developing work schedules for the team

Technologies and tools

- Java, Spring Boot, PostgreSQL, MongoDB, Docker, Kubernetes, Apache Kafka, Elasticsearch, Swagger, AWS S3, Camunda 7

Online Banking BCC

Duration: 03.2023 — 05.2024

The project was developed from scratch to create a secure and scalable financial services platform designed to handle high-performance banking transactions. The platform was built to support a wide range of banking operations, including transaction processing, data management, and integration with external systems. The primary focus was on ensuring performance optimization, maintaining secure and reliable APIs, and developing robust business logic. The platform enabled businesses to securely manage financial data, streamline transactions, and ensure scalability to meet growing demands in the financial sector

Team

20 specialists

Position

Lead Java developer

Responsibilities

- Developed the application from scratch
- Delegated work and tasks to team members
- Created business logic for the application
- Participated in integration with external systems
- Wrote unit tests
- Optimized application performance for better user experience
- Conducted code reviews to maintain high code quality standards
- Participated in Agile ceremonies
- Led and mentored team members, reviewed pull requests, and guided junior developers
- Conducted group meetings for employees to demonstrate and share knowledge about new technologies

Technologies and tools

- Kotlin, Spring (Boot, WebFlux), PostgreSQL, Flyway, Oracle, Docker, Kubernetes, Keycloak, RabbitMQ, Swagger, Camunda 7

Eurasian Bank

Duration: 07.2022 — 03.2023

The project focused on developing microservices for a banking platform, specifically designed for B2B services. One of the key modules developed was a credit conveyor, aimed at streamlining and automating the credit process for business clients. This module efficiently handled complex financial operations while ensuring secure and scalable transaction processing. The system was developed with a strong emphasis on optimizing the flow of credit applications, approval processes, and integration with external systems. The platform was designed to meet the high demands of the financial sector while maintaining strict security and performance standards.

Team

10 specialists

Position

Senior Java developer

Responsibilities

- Developed new functionality
- Designed and developed microservices
- Collaborated with backend developers to integrate APIs
- Provided integration with backend APIs
- Implemented and optimized database operations
- Troubleshot and resolved issues
- Wrote unit tests
- Designed and maintained the application architecture
- Conducted code reviews to maintain high code quality standards
- Documented components, features, and technical details

Technologies and tools

- Kotlin, Spring (Boot, WebFlux), PostgreSQL, Flyway, Oracle, Docker, Kubernetes, RabbitMQ, Keycloak, Swagger, Camunda 7

Alfa bank

Duration: 07.2021 — 07.2022

The project focused on developing integration microservices to facilitate communication between internal systems and external government services. The microservices were designed to support both SOAP and REST protocols, ensuring compatibility with both legacy systems and modern web services. The primary goal was to create scalable, high-performance services that could efficiently handle real-time data exchange and critical operations within a complex environment. A significant portion of the project involved the middleware layer, which was responsible for ensuring seamless integration with various external systems, including government portals. The project also required close collaboration with the Research and Development (R&D) department to explore and implement innovative solutions, ultimately optimizing system performance, data exchange, and integration capabilities.

Team

5 specialists

Position

Java developer

Responsibilities

- Developed and improved microservices
- Integrated with external APIs (SOAP, REST)
- Wrote unit and integration tests
- Optimized service performance
- Participated in architecture design
- Maintained and updated technical documentation
- Supported existing solutions and fixed bugs
- Worked with queues and caching
- Collaborated with the team and conducted code reviews
- Researched new solutions and tools (R&D)

Technologies and tools

- Java, Spring Boot, PostgreSQL, Redis, Graylog, Docker, Kubernetes, RabbitMQ, Swagger, SOAP

Tele2

Duration: 01.2019 — 07.2021

This project was developed from scratch to streamline the process of retrieving and delivering information about equipment based on subscriber coordinates. The system was designed to support rapid data retrieval and provide support teams with accurate, location-based equipment details. It played a crucial role in enhancing the efficiency of customer support by ensuring seamless access to vital equipment information. To ensure compliance with internal and external confidentiality policies, project details were described at a high level.

Team

6 specialists

Position

Java developer

Responsibilities

- Developed the core service using Java EE, JSP, and Servlets
- Designed and implemented a database structure optimized for storing and querying location-based equipment data
- Built user interfaces with JSP and Bootstrap to enhance usability for support teams
- Created APIs to integrate the service with internal systems, ensuring seamless data exchange
- Maintained and optimized the application to improve performance and scalability
- Conducted unit and integration testing to ensure system reliability
- Provided ongoing support by addressing bugs and adapting the service to evolving requirements

Technologies and tools

- Java, Java EE, Spring Boot, MySQL, Apache Tomcat, REST, JSP, Servlets, Bootstrap, Git