Inseed Showcase

Backend Developer (Java) | 14.3 years of experience

SUMMARY OF QUALIFICATIONS

- Experienced in backend and full-stack development focused on scalable architecture and performance optimization.
- Led development of Automated Library Record Search System utilizing OCR and Elasticsearch for document retrieval
- Developed a secure Cryptocurrency Trading Platform with robust security protocols and various trading functionalities.
- Implemented Global Payment Processing Platform ensuring PCI DSS compliance and fraud detection measures.
- Proficient in technologies including Java, PostgreSQL, Apache Kafka, and Docker for building scalable solutions.
- Project management experience managing teams and ensuring seamless integration across multiple banking protocols.
- Achieved enhanced system performance through optimization and continuous bug fixing across client projects.
- Contribution to diverse industries including finance and library services focusing on regulatory compliance and security.
- Recognized for successful implementation of secure transaction processes and comprehensive testing of critical systems.

SKILLS

Backend development	14.3 yrs	Regulatory compliance	6.9 yrs
Database development	11.0 yrs	Security integration	6.9 yrs
Data Integration	11.0 yrs	Project Management	6.9 yrs
Frontend development	10.2 yrs		
APIs integration	7.3 yrs		

STACK

SIACK		
Programming language	Java	14.3 yrs
	Scala	10.2 yrs
	JavaScript	10.2 yrs
	Perl	3.3 yrs
	PHP	3.3 yrs
Databases	PostgreSQL	11.0 yrs
ORM Framework	Hibernate	11.0 yrs
Actor Framework	Akka	10.2 yrs
Java framework	Spring	6.9 yrs

NoSQL Databases		MongoDB Cassandra	6.9 yrs 6.9 yrs
Cache System		Memcached	6.9 yrs
Web Server		Tomcat	6.9 yrs
API Management		Swagger	4.1 yrs
Data Serialization		Protobuf	4.1 yrs
Data processing and streaming		Apache Kafka Apache Spark	4.1 yrs 4.1 yrs
Reporting Tool		JasperReport	4.1 yrs
Continuous Integration		TeamCity	4.1 yrs
Search Engine		Elasticsearch	4.1 yrs
Containerization		Docker	4.1 yrs
Build automation		Maven	4.1 yrs
Cloud Infrastructure		CloudFormation	4.1 yrs
Remote procedure call framework		gRPC	4.1 yrs
Markup language		CSS HTML	3.3 yrs 3.3 yrs
DOMAINS			
Fraud detection Payment processing Security	6.9yrs 6.9yrs	Billing Ledger Management Transaction Management	4.1yrs 3.3yrs 3.3yrs

INDUSTRIES

Search

Workflow Automation

Document Management

Finance 10.2yrs
Payments 6.9yrs
Banking 6.9yrs

4.1yrs

4.1yrs

4.1yrs

Library Services

Cryptocurrency

Payments

4.1yrs

3.3yrs

3.3yrs

WORK EXPERIENCE

2021.4 - 2025.5

4.1 years

Full-time Scrum

Automated Library Record Search System for Public Use

Employer: ObjectStyle

Roles: Backend developer

Stack: Apache Kafka, Apache Spark, CloudFormation, Docker, Elasticsearch, gRPC,

Hibernate, JasperReport, Java, Maven, PostgreSQL, Protobuf, TeamCity, Swagger

This system is designed to provide an efficient and automated solution for searching library records, focusing on improving the accessibility and usability of books and documents for public use. By integrating advanced technologies and a user-centered approach, the system facilitates effortless retrieval of information:

- **Rich Text Search:** Utilizes Optical Character Recognition (OCR) technology to enable comprehensive text searches across both scanned books and documents. This feature allows users to swiftly locate relevant materials, including historical or handwritten records, by converting text from images into searchable data.
- Automated Billing System: Offers a seamless transaction experience for accessing services that require fees. The system incorporates a secure and transparent billing solution, accommodating both one-time payments and subscription models, ensuring easy management of user accounts.
- **Human Interaction Support:** Balances automated workflows with human decision-making by incorporating manual intervention for complex queries and processes. This ensures accuracy and reliability in situations where human expertise is necessary, maintaining the integrity of information retrieval.

Additionally, the system is compliant with state regulations and emphasizes data privacy and security, reinforcing the public's trust in digital library services.

Responsibilities

- Developing backend architecture
- Conducting code reviews for OCR and billing functionalities
- Implementing OCR features for rich text search functionality
- Integrating Elasticsearch for dynamic court record retrieval
- Utilizing Apache Kafka for real-time data streaming and processing within backend services.

Achievements

- Optimized Kafka-based data pipeline for real-time legal document retrieval and processing.
- Enhanced secure transaction reliability within the system's automated billing solution.
- Developed OCR-based searchable document retrieval system
- Enhanced document indexing utilizing Elasticsearch for optimized search functionality.

2018.1 - 2021.4 **Cryptocurr**

Cryptocurrency Trading Platform

3.3 years Full-time

Employer: Freelance

Roles: Fullstack developer

Stack: Akka, CSS, HTML, Java, JavaScript, Perl, PHP, Scala

Digital platform facilitating the buying, selling, and trading of a number of digital currencies.

- Supports various trading pairs across different cryptocurrencies
- Robust security protocols including two-factor authentication, encryption, and cold storage to protect user funds and data.
- Intuitive and user-friendly interface, catering to both novice and experienced traders for seamless navigation and operation.
- Multiple order types like market, limit, and stop orders to give traders greater flexibility and control over their trades.

Responsibilities

- Application architecture and performance improvement.
- Bug fixing and feature enhancements.

Achievements

- Improved system performance for multiple client projects.
- Led bug fixing and app maintenance for business-critical systems.

2010.11 - 2017.10

Global Payment Processing Platform

6.9 years

Full-time

Scrum

Employer: First Belorussian IPSP

Roles: Fullstack developer, Team lead

Stack: Akka, Cassandra, Hibernate, Java, JavaScript, Memcached, MongoDB,

PostgreSQL, Scala, Spring, Tomcat

A comprehensive automated platform designed to facilitate seamless global payment processing. It efficiently integrates with various banking institutions and supports custom protocols to enhance transaction capabilities.

- Ensures compliance with Payment Card Industry Data Security Standard (PCI DSS) by implementing robust security measures and secure onsite solutions.
- Supports multiple currencies and payment methods to cater to international markets.
- Offers a scalable architecture that can adapt to increasing transaction volumes and new regulatory requirements.
- Incorporates advanced fraud detection and prevention systems to protect transaction integrity.
- Features user-friendly interfaces and dashboards for easy management and tracking of transactions.

Responsibilities

- Assisted with employee hiring and training regarding security and protocols.
- Implemented bank protocols and PCI DSS standards.

- Developed libraries and business logic.
- Planned workloads and delegated tasks.

Achievements

- Achieved PCI DSS compliance for payment systems.
- Integrated with numerous banks and protocols.
- Led a team in developing secure transaction processing.