Valeriy Klots

Fullstack Developer:
Backend: 70% Python, Java, Spring;
Frontend: 30% JavaScript, React
FullStack developer, use Python and Java with Spring in BackEnd tasks, JavaScript with React. Skilled in working with different types of databases. Candidate Master of Sports in chess.

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🈯 Hebrew, English, Russian
👤 Netanya, Israel

SKILLS

Programming languages: Python, Java, JavaScript, TypeScript
Databases: SQL (Oracle, MySQL, PostgreSQL, H2), NoSQL (MongoDB)
Web: HTML5, CSS3, JQuery, React, Node.JS, Redux.
Frameworks&Technologies: Spring Rest API, ORM Hibernate, Apache Maven, Lombok, UML, Swagger, JUnit, Docker, Mockito, Postman, Git, OOP, DDD, JDBC, Data Structures.
Microservices: Kubernetes, JSON, SCRUM. Agile, Jira
Message Brokers: Apache Kafka, CloudKarafka
Environment/IDEs: Eclipse, WebStorm, VSCode, Miro, Slack.

EXPERIENCE

- **2022–now: FullStack Developer**, Optimadevs, Rehovot, Israel

Developing an application to automate business services
Created Microservice architecture pattern based on **Spring Cloud**. Stateless microservices (synchronous and asynchronous) connect to **Kafka** and database. **Redis** used to reduce incoming data and to increase speed processes. Data stores in different databases: **PostgreSQL** and **MongoDB**. Microservices and environment placed in **Kubernetes** cluster. Access is realized through a Gateway using AAA security based on **Spring Security**. **Spring Cloud Config Server** uses GitHub for external configuration distributed system. Unit testing based on **JUnit** with **Mockito**.
Used **Python** to forecast balances and optimally form orders
Used: **Java**, Spring Boot, Maven, Spring Cloud, Karafka, MongoDB, PostgreSQL, Redis, **AWS**, **Kubernetes**, JUnit, Mockito, **Python**.

- **2017–2022: FullStack Developer,** SoftwareOne, Stans, Switzerland

Developed an application for providing process of integration companies
Developed microservice architecture using **Java** and **Spring Boot** for streamlined data retrieval. Data from the company-supplier is transferred to the middleware server (Kafka) and, after analysis in microservice, information is transferred to the main database managed by **PostgreSQL**.
Used **Python** for data analysis, data retrieval, forecasting, and preparing data for loading into BI tools. Frontside (**JavaScript+React with Redux**) has created APIs for generating reports for company's stakeholders.
Used: **Java,** Spring Boot, Spring Cloud, **Python**, SQL, Kafka, AWS, Kubernetes, **JavaScript**, **React**, Redux.

- **2006–2017: Backend Developer**, Sberbank, Perm, Russia

Support and develop reporting modules in bank system
Implemented and challenged a major banking program and other different IT systems ruled by **Oracle**, **MS SQL**. Participating in testing new releases of bank corporate system from both user and developer sides. Utilized **PL/SQL** to generate procedures and reports, presenting them to team leaders and stakeholders. Developed a system of evaluating risk associated with corporate clients using **Python**. Produced dashboards for internal clients aimed to present data to management.
Used: Oracle PL/SQL, **Python**.

EDUCATION

2000—2006: MSc, Mathematics & Computer Science, Perm National Research Polytechnic University, Russia