

ALEKSANDR PUSHILIN

EXPERIENCED FULL-STACK DEVELOPER

BACK-END (Java, Spring, Microservices)

FRONT-END (JavaScript, React, Redux)

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🌐 Web: www.linkedin.com/in/alex-pushilin

📍 Location: Netanya, Israel

🗣 Languages: Hebrew (good), English (fluent), Russian (native)

SKILLS

- Java, JavaScript (React), TypeScript, Node.js
- Spring Boot/Data/Security/Cloud, Hibernate
- MySQL, PostgreSQL, NoSQL (MongoDB, Redis)
- CI/CD: Kubernetes (K8s), Docker, Jenkins, Git, Maven
- Microservices + message brokers (Kafka, rabbitMQ)
- SOLID, OOP, Agile (Scrum), Jira
- HTML/CSS, Material UI, UX patterns
- cloud SaaS (AWS), Linux/Windows
- TDD, unit testing (JUnit, Mockito), Postman
- REST APIs + HTTP, JSON/XML

WORK EXPERIENCE

- **2022 - current time: Full-Stack Developer** at [OptimaDevs LTD](#) Rehovot, Israel

Parking Monitoring Project: a microservices-based platform using Spring Boot, Docker, and K8s for orchestration. Implemented middleware with Apache Kafka for efficient message processing. Separated database operations into distinct microservices using JPA/Hibernate, connecting to MongoDB database and employing Redis for temporary data caching. Enabled back-office functions with Spring Boot and RESTfull Spring Controller. Adopted TDD with JUnit and Mockito. Containerized services using Docker and managed clusters with K8s. Implemented multi-level logging via SLF4J and Logback, and exception handling with Spring's @ControllerAdvice. Ensured web security using Spring Cloud Gateway and Spring Security for role-based access control. Managed sensitive data through Kubernetes environment variables (Secret) and facilitated dynamic configuration updates with Spring Cloud Config Server and Bus. Front-end development in JavaScript, utilizing React with Redux, emphasizing responsive design and asynchronous data handling.

Used: Java, Spring, Kafka, Hibernate, JS, React, Redux, MongoDB, Redis, Maven, Docker, K8s

Innovative Recruitment System built on Node.js, TypeScript and Express utilizing Docker for containerization and several DBs for data uploading and storage (Mongo for major part of data, PostgreSQL for analytics reports, NEO4J for social connections). The user interface is built using React.js with Redux for state management, complemented by CSS for component styling. Axios API was used for executing HTTP requests to the server. Navigation between different components was achieved through React Router, and React Hook Form was used for form management and data validation. WebSocket for implementing push notifications in real-time.

Used: JS, TS, Node.js, Express, Mongosh, Kafka.js, MongoDB, PostgreSQL

- **2018-2022: Full-Stack Developer** at Magnat Corporation Chelyabinsk, Russia

Retailers' websites integration project. A project to integrate additional services, such as delivery and installation of household appliances, from third-party contractors into the retailer's websites. I'm responsible for developing and supporting the backend part, as well as quick troubleshooting issues. The project has a monolithic architecture and includes a CRM written in React. The backend is based on Java and Spring Boot. We also used MySQL as a database. The services are deployed using a Docker container on AWS EC2. Additionally, the project uses external services for payments, a cloud contact center, and notifications.

Used: Java, Spring Boot, React, Redux, JavaScript, MySQL, EC2

EDUCATION

Bachelor in Information Technologies, Chelyabinsk State University

Russia

Additional Education in Computer Science in KMiDO

Russia

Recommendations are available upon request