

Dmytro Dychenko

SOFTWARE DEVELOPER

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Summary

Dedicated student with a passion for programming and technology, engaged in projects spanning cloud services, backend development, databases, Docker, IoT, algorithms, data science, and AI. Projects include **Automation System**, **Bike Rental Management Website**, **Logistics Platform**. Actively contributes to the creation of microservices and tackles technical challenges.

Skills

Cloud services AWS

DevOps Kubernetes, Docker, Bash, Prometheus

Backend Java Spring, .NET, Python, C++

Web development Javascript, Typescript

Databases SQL DBs (MySQL, PostgreS), NoSQL (Redis)

Education

FAIS, Jagiellonian University

Applied Computer Science

Cracow, Poland

2019 - current

Experience

Freelance - CryptoP2P Inspector Sys *12.2023 - 02.2024*

Java Spring, Vaadin, Postgres

- Played a pivotal role in creating a sophisticated internal system aimed at the storage, verification, and analysis of exchange orders, counterparties, and related documentation.
- My responsibilities encompassed the ideation and development of the system's foundational elements, crafting data models, establishing robust database connections, and designing the system architecture.

Freelance - AutoMessage Dispatch Bot *10.2023*

Java Spring, Selenium WebDriver, Javax Mail

- [GitHub](#)
- Spearheaded the development of an innovative system designed to automate the dispatch of messages through email and WhatsApp.
- My contributions spanned the entire project lifecycle, including initial concept development, data structure design, integration of various communication protocols, and the overall architectural blueprint of the system.

Notable work projects

Logistics Ecosystem

03.2024 - current

Languages Java Spring, .NET, Python, React.js

Data Exchange WebSocket, gRPC, RabbitMQ

DataBases PostgreSQL, Redis

Version Control Git

Orchestration Docker, Kubernetes

Monitoring Prometheus

Security OAuth 2.0, JWT

- [GitHub](#)
- I directed the creation of a logistics management system that employs swarm intelligence algorithms for the optimization of routing and the analytical examination of orders.
- My responsibilities in this project were multifaceted, encompassing the roles of Architectural Developer, DevOps Engineer, and Software Developer.
- I design the system's architecture, ensuring its robustness, scalability, and security.
- Additionally, I am writing critical sections of the codebase, applying my extensive programming skills across Java, .NET, Python, and React.js.
- My DevOps expertise was also pivotal in streamlining development workflows, leveraging Docker and Kubernetes for orchestration, and employing Prometheus for system monitoring.

Bike Rental System

11.2023 - 12.2023

REST-API, Java Spring, PostgreSQL, RabbitMQ, Javax Mail, Telegram API, JavaScript

- [GitHub](#)
- Orchestrated the development of a backend-driven website dedicated to bike rental services, enhanced with email notifications and Telegram bot integrations.
- I actively contributed to the coding efforts, particularly in integrating the Telegram API and crafting the email notification system, thereby enhancing the platform's functionality and user engagement.