

# Dmytro Dychenko

SOFTWARE DEVELOPER

Cracow, Poland

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## Summary

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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

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**Cloud services** AWS

**DevOps** Kubernetes, Docker, Bash, Prometheus

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

**Web development** Javascript, Typescript

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

## Education

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**FA IS, Jagiellonian University**

*Cracow, Poland*

*Applied Computer Science*

*2019-current*

## Experience

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### **Freelance - CryptoExchange Inspector System** 01.2024 - 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

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### 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](#)
- Developed a logistics management system integrating machine learning for route optimization and order analysis.
- Played a key role in data integration, architectural design, algorithms. Team-Leader 😊

### Bike Rental System

11.2023-12.2023

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

- [GitHub](#)
- Implemented a backend-driven website for bike rentals, including email notifications and Telegram bot integrations for administrative communication.
- Contributed to all stages of project development from concept to architecture