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 **A**utomation **S**ystem, **B**ike **R**ental **M**anagement **W**ebsite, **L**ogistics **P**latform. 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   *Cracow, Poland*
Applied Computer Science
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.