

# Michal Rakoczy

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Experienced Java developer with a strong foundation in backend development, now transitioning to blockchain and Web3 technologies. Currently focused on applying expertise in Rust, Solidity, and smart contract development to decentralized platforms, contributing to innovative solutions in the blockchain space.

## EXPERIENCE

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### Future Processing

September 2020 - Present

*Blockchain Developer*

*Remote, Poland*

- Developed a PoC of security token based on the PSP-22 standard, using the ink! framework in Rust contributing to the Aleph Zero grant program
- Refactored a security tokens CEX solution by simplifying Solidity smart contracts, improving code readability and maintainability
- Updated and refreshed existing Web3 betting application, utilizing React and Solidity with a private Ethereum network

*Senior Java Developer*

*September 2020 - March 2022*

- Developed an audience calculation Spring service using data from various sources, enabling customers to create effective marketing strategies
- Contributed to migrating custom SQL tool to MyBatis, enhancing security by reducing the risk of SQL injection and improving the maintenance of queries
- Participated in a project utilizing event-driven architecture and a DDD approach, performing regular tasks to support the development process
- Improved code quality by creating effective unit and integration tests, which led to identifying issues at an earlier stage

### Neti

Jul 2024 – August 2024

*Solana Developer (Part-time job)*

*Remote, Poland*

- Developed the DEX platform on Solana by forking and reverse-engineering an open-source solution, resulting in a product tailored to a specific client
- Implemented Rust-based keeper and liquidator services to track trades in real-time, enabling the DEX platform to function effectively

### Objectivity

Jan 2020 - Sept 2020

*Senior Java Developer*

*Wroclaw, Poland*

- Developed both frontend and backend components for a Point of Sale (PoS) application using Spring, Angular, and Ionic for a US client
- Contributed to the internal Academia project by developing a Spring-based backend and Angular frontend for managing courses and trainings, improving efficiency and reducing operational overhead

### Spyrosoft

Jan 2019 - Dec 2019

*Senior Java Developer*

*Wroclaw, Poland*

- Worked on a greenfield project to manage and digitalize paper correspondence coming from clients
- Developed a Spring service to process images, PDFs, and CSV files, automating data storage and flagging errors for manual review, which reduced the number of manually verified documents by 60%

### Sii Poland

Jan 2019 - Dec 2019

*Java Developer*

*Katowice, Poland*

- Worked in the railway and financial industries as a Java developer
- Refactored solutions for parsing byte messages into Java objects, significantly simplifying the code
- Developed business rules for credit scoring from the old system to the new Spring project

## EDUCATION

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### Silesian University of Technology

*Bachelor of Engineering*

*Gliwice, Poland*

*2012 - 2016*

## TECHNICAL SKILLS

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**Languages:** Rust, Solidity, Java, JavaScript, SQL

**Frameworks/Tools:** Foundry, Hardhat, Spring, Hibernate

**Testing:** Chai, Spock, JUnit

**CI/CD:** Github Actions, Docker, Jenkins