

## PROFESSIONAL EXPERIENCE

### Nov. 2023 – Now: CML Team | 5+ different projects | Middle Fullstack developer

#### • Backend development

- Lead 2 projects and was a maintainer on 3 others
- Developed the core Java backend for a hotel management system, implementing user roles, room management, tasks, checklists, and dashboards, Auth0 integration, SendGrid Integration
- Delivered urgent features under tight deadlines while maintaining 2 other projects simultaneously
- Led major code refactoring and cleanup of the inherited PoC, improving overall project structure and maintainability
- Led major database structure refactoring and improvement
- Singlehandedly delivered core features for accounting project on time (Implemented workspaces, user management system and roles for them, Auth0, Quickbooks, Xero and Google Analytics integration, Dynamic reports generation, Report templates management, report scheduling with top-notch flexibility, Integrated SendGrid for mailing)
- Implemented the whole backend part for Chrome Extension (DXTrade Platform for Brokers) project for sensitive operations and licensing
- Implemented hiring statistics gathering feature for CRM project using Aspects
- Unit and Integrational testing
- Code refactoring, code review, optimizations
- **Stack:** Java 21, Maven, Spring (Code, Boot 2/3, Security, Web, Data, AOP, Quartz), AspectJ, Docker, Hibernate/JDBC, MySQL, PostgreSQL, Liquibase, Swagger, Auth0, SendGrid, Mockito, Junit 5

#### • Frontend development

- Developed a Chrome Extension (DXTrade Platform for Brokers) using React with advanced tools like a custom plot, indicators for placing and adjusting positions, automated risk calculation
- Implemented multi-broker support for seamless platform switching, overcoming API limitations with custom workarounds
- Implemented the whole frontend part for CRM hiring statistics gathering feature (building interactive pivot tables)
- Implemented many pages of different complexity on 3 projects
- **Stack:** JS/TS, React, MUI, Docker

#### • DevOps

- Set up CI/CD pipelines (GitHub, GitLab) for staging and production environments for 3 different projects (FE, BE)
- Written Terraform configs for production and staging AWS infrastructure for 1 project and maintained IAC codebase for 2 others
- Setting up and maintaining AWS environments
- **Stack:** Terraform, Terraform Cloud, AWS (EC2, ECS, ECR, S3, RDS, R53, ACM, Lambda, etc.), Nginx/Apache, Ansible

#### • Other Tasks:

- Set up custom EVM blockchain and written simple smart contracts for it
- Interviewing applicants (up to Senior level)
- Estimated 10+ projects of different sizes (100h – 2500h+)
- Project management, was responsible for setting up tasks for other FE/BE developers
- Communicating with clients, projects demos
- **Stack:** Solidity, Jira/Trello

### May 2024 – Oct. 2024: Crypto startup | 2 different projects | Java developer, Part-Time

#### • Development

- Integrated APIs for DEXs (Hyperliquid, Drift Trade, DEXScreener, CoinGecko)
- Developed a Crypto Dump screener that constantly monitors prices of hundreds of tokens that match specified conditions (Trade volume, Liquidity, age, etc.) and notifies user via Telegram bot
- Developed a Futures arbitrage application that constantly monitors arbitrage opportunities between different DEXs and automatically opens/closes positions. Handles rollbacks on errors or timeouts and notifies user via Telegram bot
- Implemented api gateway for one of DEXs
- Test Coverage
- **Stack:** Java 11, Spring (Core, Boot, Shell, Data, MVC, Security, AOP), Maven, Gradle, Mockito, Powermock, Junit4/5, Retrofit/OkHttp, TypeScript, NodeJS, Telegram

### Dec. 2021 – Jun. 2023: Crypto startup | 3 different projects | Fullstack developer

#### • Backend development

- Integrated APIs (partially and fully) of multiple crypto exchanges (Binance, Huobi, KuCoin, BitMart, GateIO, OKX)
- Developed a big part of API of projects (public and private)
- Resolved multiple production issues, including critical priority
- Implemented the whole new module responsible for real-time monitoring (using Web-Sockets) and processing big amount of data from crypto exchanges. Implemented interaction with main module using callbacks
- Successfully implemented a lot of functionality that did not have ready solutions
- Full test coverage
- Code optimization

- **Stack:** Java 11, Spring (Core, Boot, Shell, Data, MVC, Security, AOP), Maven, Gradle, Hibernate/JDBC, MySql, Mockito, Powermock, Junit4/5, AspectJ, Retrofit/OkHttp, Lombok
- **Frontend development**
  - Implementing whole pages for admin tools using React/HTML/CSS or pure JS depending on requirements
- **Other tasks**
  - Implemented Plot Builder for analyzing, processing, collecting statistics for Big Data
  - Was working on improving existing/developing from scratch Java API libs for new crypto Exchanges
  - **Stack:** Java 11, Spring (Core, Boot), Maven, Gradle, Hibernate/JDBC, MySql, Mockito, Junit4/5, AspectJ, Retrofit/OkHttp, Lombok

## Sep. 2022 – Sep. 2023: Warsaw University Researching Program | Sole R&D Engineer

- **Desktop Development**
  - API Implementation of 4 external services
  - Worked with Big Data
  - Found critical workarounds for bypassing DDOS-Guard on a cite to be able to download pdfs programmatically
  - Resolved about 10 other critical unusual tasks
  - **Stack:** Java 17, JavaFX, Spring (Core, Boot, JavaFXVeawer), Maven, Retrofit/OkHttp, IText, PDFBox, JSoup, JBibTex, Lombok
- **Other**
  - Developed couple utilities for calculations and plot building using Python
  - Fixed and optimized couple different existing utilities
  - **Stack:** Python

## Oct. 2022 – May 2023: Traffic Arbitrage | Sole R&D Engineer | Kotlin Android Developer

- **Kotlin Android Web-View Apps Development**
  - Developing whole pages of an app
  - API integration
  - Obfuscation
  - Connecting push-notification services and mobile attribution and analytics platforms (Firebase, OneSignal, Adjust, AppsFlyer)
  - **Stack:** Kotlin, Android API, Firebase, OneSignal, Adjust, AppsFlyer, ProGuard
- **Other**
  - System Administration
  - Connecting App campaign trackers, Cloaking services
  - Setting traffic filtering, redirects to black page
  - Implementing the whole white pages

## 2019-present: Pet-projects and self-education

Since 2019 I've accomplished 4 Java courses and made a decent number of pet-projects and test tasks in companies

**Stack:** Java11+, Kotlin, Spring (Core, Boot, Data, MVC, Security), Maven, Gradle, Tomcat, Hibernate/JDBC, Android API, Liquibase, MySql, PostgreSQL, JavaFX, Thymeleaf, Retrofit/OkHttp, Lombok, GWT, MongoDB, Redis, JS, React, HTML, CSS, Junit, OneSignal, AppsFlyer, Adjust, Firebase

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## EDUCATION

Bachelor in Kyiv national university, Faculty of Computer Science and Cybernetics, start date: Sep. 2020, end date: Jun. 2024

Master in Kyiv national university, Faculty of Computer Science and Cybernetics, start date: Sep. 2024, end date: Jun. 2026

Bachelor in Warsaw university, Faculty of Computer Science, start date: Sep. 2022, end date Jun. 2026

EPAM Java Summer program (all tasks 100/100 points) 2021

Privat bank Java courses 2021

2 Java courses (Java Basic/Java Advanced) in school 2019-2020

CISCO CCNA Cybersecurity certificate 2020

CISCO IT Essentials certificate 2019

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**LANGUAGES**    [English \(Upper-Intermediate\)](#), Russian/Ukrainian (Native)