

# Mate Molnar

SENIOR JAVA DEVELOPER

## INFO

### LOCATION

Budapest, Hungary

### PHONE

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### E-MAIL

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### STUDY

ELTE (Budapest)

### DEGREE

Software Information Technologist (BSc)

### WEBSITE

www.matethefreelancer.com

## LANGUAGES

### MOTHER TONGUE

Hungarian

### FULL PROFESSIONAL (C1)

English

### INTERMEDIATE (B2)

German

## CERTIFICATIONS



## PROFILE

An ambitious senior software engineer with 15 years of professional experience in huge, world-class systems.

Software development is about providing effective solutions to real-life challenges. My dedication is to work in a way that I cover the full problem area, including but not limited to planning, implementation, documentation, deployment, follow-up.

I am looking for remote opportunities where I can shine leveraging my soft and hard skills. I have the drive and ambition to take on new challenges.

2024 - 2025



# RAIQON

### Java Developer - subcontractor

(Relyze)

Development of connector module between CodeBeamer ALM and external AI system

- End-to-end development of the module
- Regular client demo
- Fast response to client feedback
- Feasibility assessments
- Performance optimization
- Dockerization & Build pipeline
- Technical support

### Java Developer - subcontractor

(Raiqon AI)

Highly performant AI integration system development in the startup world

- High standard software development
- Microservice-based approach
- Thorough functional testing
- Performance optimization
- Dockerization & Build pipeline
- Multi-ALM integration

Docker

Github

Spring Boot

Gradle

Postgres

REST API

OpenAPI

JOOQ

Git

CodeBeamer

Jira

2022 - 2024



## Senior Full-Stack Developer

(Backoffice)

Customization of EUIPO community codebase to meet Hungarian Intellectual Property Office (HIPO) requirements as a contractor

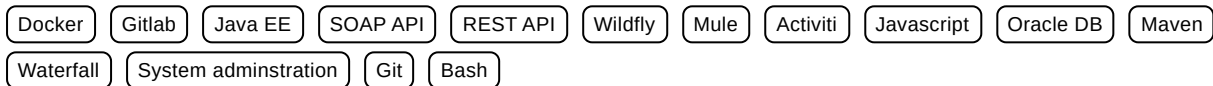
- Setup a fully-fledged DevOps system from scratch - considering future development plans
- On-site support of system administrators
- Support implementation decisions considering EUIPO and HIPO system architecture
- Hands-on implementation of business requirements leveraging existing base software
- Implementation of system integrations between EUIPO codebase and existing HIPO applications
- Improve code quality of EUIPO community codebase

## DevOps Engineer

(Common Tools Integration (CTI))

Setup build and deployment environment for an EUIPO community toolset

- Setup Docker based build system
- Dockerization of each component
- Training and support of HIPO system administrators



2020 - 2022



## Senior Java Developer

(Real Time Index System)

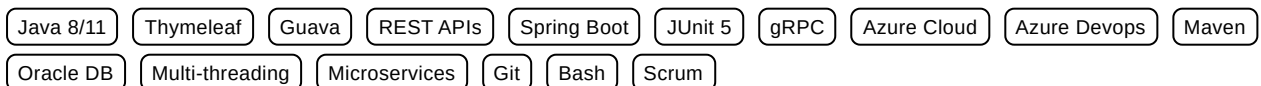
Development and maintenance of the highly available, highly concurrent event-based Real Time Index System

- Ownership over Real Time Index distribution RESTful APIs
- Contribution to MSCI mobile application backend services (Azure App Services, Cosmos DB)
- Contribution to automation of internal clients' processes
- System design planning (flow diagram, sequence diagram, etc. using Microsoft Visio)
- Implementation of Azure Cloud based monitoring for Real Time Index distribution APIs (Log Analytics Workbook, Logic Apps)
- Implementation of stress-testing tool for Real Time APIs (for testing reliability, resource usage, API gateways)
- Proactive contribution enhancements of release procedures, Jira handling, team communication, etc.
- Collaboration with internal and external clients, product managers
- 24/7 on-call support

## Senior Java Developer

(Index Builder)

Due to developer shortage I was assigned to Index Builder project for 2 months. I proved to be able to catch-up with development quickly and contribute to project even under heavy time pressure.



2017 - 2020

# Morgan Stanley

## Medior/Senior Java Developer

(Equity Derivatives Lifecycle Management System)

Development of Regulatory Reporting (RR) related modules of Equity Derivatives Lifecycle Management System

- Maintenance and extension of legacy modules (Intraday/End-of-the-day reporting)
- Implementation of the „Golden Source“ of Mifid2 RR of Equity Derivatives (EQD)
- Migration of DB2 stored procedures
- Taking ownership over the whole EQD RR domain
- 6 months of technical leadership of RR Team besides everyday work (stakeholder communication; understand and break down tasks to jiras; training juniors)

Java Scala DB2 Gradle Spring JUnit JBehave Log4J Git Jenkins Bitbucket Autosys jobs

2013 - 2016



## Java/C++ Full-Stack Developer

(Download Server of Lottery Terminals)

Development of the Download Server of lottery terminals, and the associated GUI.

- Usage and configuration of the underlying application server (GlassFish/JBoss)
- Usage of MySQL (via SQL statements/JPA entities)
- Java Swing based GUI development aligned with the existing framework
- Preparing and modifying rpm packages (using Maven or existing scripts)
- Modification of server startup scripts, configuration of daemons

Most important subtasks were:

- Re-implement lottery ticket validation on server side (GUI, hash creation, DB persistence/querying using servlets)
- Unification and customization of logging system (Log4J, SLF4J, Logback)
- Implementation of smaller features (Socks proxy support, VNC support, etc.)
- SNMP support implementation (Perl script)
- Implementation and maintenance of a daemon which periodically checks the status of other daemons (C++, Bash)
- 24/7 on-call support

Java C++ Bash RedHat Linux JBoss Servlets MySQL SVN, CVS Git SNMP JPA PHP EJB JPQL Perl Maven

2011 - 2013



## C++ Developer

(Mobile Media Gateway)

- Implementation of auto-tests (functional tests, unit tests) and smaller features
- Holding/facilitating meetings and presentations

C++ TTCN3 Git Agile Java Bash Clearcase Scrum

2010-2011



### **C++ Developer**

(Lionheart - King's Crusade)

- Minor developments and bugfixes.

### **C++ Developer**

(King Arthur - The Roleplaying Wargame)

- Post-release maintenance.

C++

## **Freelance Projects**

### **www.kotelescindy.hu**

Cindy Koteles is an increasingly popular singer. As opposed to her competition, she has a good-looking, responsive website.

Backend is powered by Java (Spring Boot) with Thymeleaf.

Front-end is built using HTML, CSS, Javascript.

Java

Spring Boot

HTML

CSS

Javascript

Drupal

VPS

Linux Administration

Web Hosting

### **www.matethefreelancer.com**

A freelance software developer like myself needs a website for the prime reason of self-marketing. My fully custom-built website proves my openness to work on frontend.