

# MATEJA MILOVANOVIC

Software Engineer | Angular/Java/Spring Boot Expert

## EXPERIENCE

Senior Full Stack Developer  
Lexington Innovations

November 2022 - Present  
Toronto, Ontario

- Maintained and developed Cloud/DevOps solutions by utilizing AWS EKS, ECR, Cloudwatch, Kubernetes and automating deployments using Github Actions
- Engineered a real-time precious metals trading application using Angular, Java, Spring Boot, and AWS Aurora allowing client transaction capabilities through an RFQ system
- Utilized Kafka for EDA to support a microservice architecture, and an application with enhanced horizontal scalability
- Created an RBAC system leveraging JWT and Spring Security for custom role based client views and API access for over 500 clients
- Developed a custom GUI using Angular and SockJS websockets for blistering fast performance and 40% better loading times
- Designed a containerized CI/CD pipeline for deploying to AWS EKS, increasing deployment speed and frequency by 70%
- Created "Retail Payments Activities Act" compliance application with custom document store/upload as an end-to-end solution
- Implemented RPAA application using Angular 17, Java 21, Spring Boot, MySQL, and deployed utilizing Docker, Docker-Compose, Github Actions and AWS ECR
- Managed a team of 5 software engineers through weekly scrum calls, Jira ticket allocation, and approval/review of PR's on Github

Software Developer  
Harmari by LTAS Technologies

November 2021 - November 2022  
Toronto, Ontario

- Re-engineered the existing frontend using Angular 13 to improve performance by 100% for services including short term rental compliance and classified ad searching
- Implemented custom ETL scripts for canadian retail stores with over 5,000,000 product variations using Python, Pandas, Beautiful Soup and Selenium, while propagating these products to various microservices with Flask via RESTful APIs
- Built custom API/GUI testing workflows using Playwright to automate bug reports, speed tests, and web-app security

Website/Statistics Project Specialist  
CDRCP

June 2021 - November 2021  
Toronto, Ontario

- Created the InfoPeel website, utilizing Wordpress along with custom PHP, Javascript, and HTML
- Automated Peel event integration with Wordpress achieving a 500% speed increase
- Implemented SEO best practices and speed optimizations to increase visitor rate by 100%

Customer Service Representative  
TD Canada Trust

June 2018 - June 2019  
Toronto, Ontario

- Delivered exceptional customer service handling transactions and advising clients on various financial products and services
- Performed deposits, withdrawals, wire transfers, account upgrades and updates while following all security protocols

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## SKILLS

Java 21	Spring Boot	Angular 17
Kubernetes	Docker	Maven
Typescript	Javascript	HTML5
CSS	CI/CD	RESTful APIs
Kafka	RxJS	MySQL
AWS	Python	Selenium
Playwright	Redis	Websockets

## PROJECTS

Real Estate Data Mining/ETL  
Avenu Insights & Analytics (2023)

- Designed web scrapers for 9 real estate websites averaging 200ms for total data collection per page
- Leveraged techniques like multithreading, using VPNs, and smart headless browsers with Playwright to improve async scraping efficiency by 700%
- Loaded clean listing data into a MySQL database using asynchronous batch processing to accommodate over 15,000,000 rows of data

Stock Market Database  
Ryerson University (2021)

- Utilized MySQL for complex data queries and analysis
- Developed derivative trade risk models for informed trading decisions

## EDUCATION

Bachelor of Computer Engineering  
Ryerson University (2017 - 2021)

## CERTIFICATES

Foundations of Data - Google
Preparing Data for Exploration - Google