MATEJA MILOVANOVIC

Software Engineer | Angular/Java/Spring Boot Expert
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EXPERIENCE

Software Engineering Consultant
Lexington Innovations — November 2022 - Present — Toronto, Ontario

- Engineered a real-time precious metals trading application using Angular, Java, and Spring Boot, allowing client transaction capabilities through an RFQ system.
- Utilized Kafka for EDA to develop 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%.
- 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.
- 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.

CERTIFICATES

- Foundations of Data - Google
- Preparing Data for Exploration - Google

Check out my website!

https://mateja-milovanovic.com

SKILLS

Java	Spring MVC	Angular 17
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)