Maciej Zieniuk

As a highly experienced software developer with +10 years of experience in Java (EE) 17+ and proficiency in Python, I have a proven track record of successfully leading and mentoring teams to deliver innovative and efficient solutions. My expertise in full-stack development, data-driven design, and scalability has been demonstrated throughout my career, where I have consistently delivered projects on time and within budget while exceeding customer expectations. My ability to gather requirements, effectively communicate with stakeholders, and drive positive change has resulted in significant time and cost savings for my previous employer. I am now seeking a new role as a team lead or principal developer where I can continue to utilize my expertise and experience to drive projects to success.

Experience

2022–CURRENT

Oval Money, Europe, remote

AUTOMATION TEAM LEAD

TECH STACK: PYTHON, STREAMLIT, SPRING BOOT, VAADIN, KUBERNETES, ETL, SALESFORCE

As the Automation Lead at Oval Money, I successfully streamlined and automated manual processes centered around gathering core data and providing it in the form of dashboards to multiple teams within the organization. I led a team of three junior developers, two of whom were data scientists and one a developer. My leadership and guidance led to the decision to add two additional developers to the team. I conducted a cost-benefit analysis and gathered input from key stakeholders, resulting in significant time and cost savings for the company, as well as improved accuracy and efficiency. This role demonstrated my advanced knowledge of business management and analysis principles, as well as my ability to drive positive change and effectively lead a team.

2021–2022

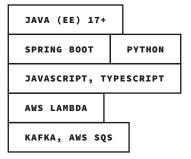*RTB House, Europe, remote*

SENIOR SOFTWARE DEVELOPER

TECH STACK: JAVA, PYTHON, KAFKA, NOSQL, AWS S3, GCP BIGQUERY, DOCKER SWARM

As a Senior Software Developer at RTB House, I worked with other Core Developers and teams to further enhance user experience in the advertisement world. I further enhanced my knowledge and skills in scalability and high availability, provided recommendations and solutions for reliable HA around file storage and database, focused on simple, reliable, readable, well-tested code, and adopted services to Cookie-less ads requirements. I also collaborated with a Core 20-member team and other teams to discuss and work on solutions for upcoming changes or requirements. Through this role, I gained knowledge and experience in GCP BigQuery, Aerospike, Minio, PostgreSQL, Kafka,

JAVA (EE) 17+

SPRING BOOT | PYTHON

JAVASCRIPT, TYPESCRIPT

AWS LAMBDA

KAFKA, AWS SQS

EDUCATION

2010–2014
Computer Software And Informatics Networks
Technical University of Koszalin

SKILLS

- Leadership
- Communication
- Project management
- Mentoring and guidance
- Technical expertise

Experience Continued

experience in GCP BigQuery, Aerospike, Minio, PostgreSQL, Kafka, EclipseLink, HikariCP, Caffeine Cache, Avro, GraalJS, Python, HAProxy, Jenkins, and Grafana, and learned how ads tracking and delivery work in real-time.

2019–2021

Legal & General Investment Management, UK, hybrid

INTEGRATION SENIOR SOFTWARE DEVELOPER & TEAM LEAD

TECH STACK: JAVA, SPRING BOOT, CAMUNDA, GRAPHQL, OPENSHIFT, FLYWAY, GRAFANA, JWT, ASPECT4J, FEIGN

As a senior software developer & team lead at Legal & General Investment Management, I worked on the Workplace Savings project, adding new functionalities for millions of customers across the UK. I collaborated with Product Owners, Business Analysts, QA, 3rd party Developers and other teams to gather requirements, design the architecture, and implement solutions. Additionally, I successfully brought functionalities used differently across 5 teams.

2018–2019

Moogsoft, UK, on-site

PRINCIPAL JAVA DEVELOPER & TEAM LEAD

TECH STACK: JAVA, KUBERNETES, KAFKA, RABBITMQ, ELASTICSEARCH, HAZELCAST, WEBSOCKET, TOMCAT, SPRING, JOOQ, KRYO, JMH

As a principal java developer and team lead at Moogsoft, I was responsible for transforming monolithic products into horizontally and vertically scalable solutions. I gathered requirements from stakeholders including Product Owners, Chief of Science and Algorithm Team, Chief of Fields, Support, QA and CEO, and led my team to finalize them into the product. My role was key in making data-driven decisions and managing multiple perspectives from stakeholders while prioritizing technology choices to reduce technical debt. As a Project Lead, I was responsible for redesigning functionality with a data-driven and scalable approach, implementing REST API and Algorithms functionality, facilitating learning sessions to engineering about best-refactoring practices and deploying services to end customers via Kubernetes and Rancher. Through this role, I gained expertise in designing, coding and implementing scalable applications.

2017–2018

Mercuria, UK, on-site

FULL-STACK SOFTWARE ENGINEER

TECH STACK: JAVA, JAVASCRIPT, ANGULAR, DROPWIZARD, DEVEXTREME

As a full-stack software engineer at Mercuria, I played a key role in a greenfield project that brought automation and workflow to the manual margining process, resulting in a great user experience. I was responsible for gathering requirements based on user and business needs, designing and implementing all functionalities, and testing the product with users in an iterative manner. This role was particularly important as it was my first opportunity to work directly with shareholders and stakeholders to gather requirements, and build a complete solution from scratch.

SOFT SKILLS

- Teamwork
- Problem solving
- Adaptability
- Time management
- Decision making

LANGUAGES

- English—Fluent
- Polish—Native
- Japanese—Basic, Learning

INTRESTS

- Traveling
- Software Architecture and Development
- Security
- Stock Exchange, Crypto Currencies
- Algorithmic Trading

PASSION PROJECTS

- Algorithmic Trading System
- Email Designer Toolkit
- Warehouse system with online website and Barcode Scanner Application
- Slack communication bot
- Remote assistant using serverless solutions

Experience Continued

2016–2017

Moogsoft, UK, on-site

SOFTWARE ENGINEER

TECK STACK: JAVA, KUBERNETES, KAFKA, RABBITMQ, WEBSOCKET, ELASTICSEARCH, HAZELCAST, TOMCAT, SPRING, JOOQ, KRYO, JMH

As a software engineer at Moogsoft, I worked with a talented team improving the stability, scalability and performance of a highly concurrent software, while also develping and imporiving machine learning algorithms used in the product. My contributions included adding and improving HA algorithms, SQL optimization, and other performance enhancements. I also worked closely with the science team to implement a new event analyzing algorithm and wrote benchmarks for key functionalities.

I gained experience in designing and writing systems capable of handling 100M+ new events per month, efficient failover and high availability.

2013–2016

Misys, Poland, On-site

JAVA & C++ SOFTWARE ENGINEER

TECK STACK: JAVA, C++, HIBERNATE, SELENIUM, ACTIVEMQ

As a key member of the development group, I was responsible for the software development of complex multi-threaded applications. I specialized in rewriting old and obsolete code, libraries, and servers to brand new code, as well as tools to optimize and test software. I was responsible for rewriting C++ multithreading applications to Java, adding authentication, licensing, database connectivity, message handling, and server and client connectivity using JMS, and Auditing. I also wrote automated tests and added support for another database: Oracle Database.

Technologies & Frameworks

- **Java (EE) 17+** Spring Boot, Apache Commons, Guava, Velocity, jOOQ, Hibernate, EclipseLink, HikariCP JDBI, Kryo, Hazelcast, Flyway, Quartz Scheduler, Servlet API, Lombok, JMH, Camunda, Aspect4J, Feign, Jenetics, Caffeine, Drop wizard, Quarkus, GraalVM
- **Python 3** NumPy, Pandas, requests, Streamlit, pytest, Selenium, Flake8, Pylint, Black
- **Frontend:** JavaScript, TypeScript, Vue.js, Vuetify, Vuex, Angular 5, jQuery, Bootstrap, NPM, Node, HTML5, CSS, Figma
- **Misc:** MySQL, MariaDB, PostgreSQL, MongoDB, Elasticsearch, RabbitMQ, Kafka, Redis, Apache Tomcat, Nginx, AWS, GCP, Grafana, OAuth2, JWT, SSH, PHP, Git, Maven, Gradle, Bash, SQL, Stored Procedures variations, AWS Lambda, AWS DynamoDB, AWS API Gateway, GCP BigQuery, WebSockets, Metabase
- **Testing:** Junit 4 & 5, Hamcrest, Mockito, PowerMockito, Assert4J, Selenium, VisualVM, JFR, Virtuoso QA
- **CI/CD, Monitoring:** Docker, GitLab, Jenkins, Serverless, Docker Swarm, OpenShift, Kubernetes, Grafana, Prometheus, Kibana, Splunk