

Daniel Ozac

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Nationality: Irish

Experienced Senior Java Eng who is passionate about building new products and has an entrepreneurial approach to building new services for customers, passionate about blockchain and decentralized networks and their potential to transform how people, companies and governments transact.

EXPERIENCE

TD Securities Bank , Dublin, Ireland — Senior Java Software Engineer

October 2020 - PRESENT

- Working on the Next Generation of the company's Global Prime Brokerage micro services lending platform. This includes, design and development of fully Non-Blocking/Asynchronous REST API's, Data Transformation and Data Moment of complex systems using Java, Message brokers and Cloud open source based solutions. Involved in contributing to engineering leadership in architecting other company's platform components, including code reviews and guidance to junior and mid developers.

Key Technology used: Spring Boot, Spring Cloud (Eureka, Gateway, Load-balancing, Resilience4j), Spring Batch, Apache Kafka, Spring Data Jpa, Hibernate, Oracle, React, Docker, Tomcat, Git, JUnit, Mockito, Cucumber.

JP Morgan, Dublin, Ireland — Senior Java Software Engineer

April 2019 - October 2020

- Working on the backend microservices for NAVX. The system provides daily critical insights to Mutual Funds Managers and operations involved in the trading of shares of mutual funds and exchange-traded funds, whose market value is represented by a metric known as net asset value, or NAV. The system is using multiple external data feeds from external providers as well as multiple internal data sources, using Kafka for event streaming, Ibm MQ and ultimately Pentaho for ETL transformations, along with Spring Boot, fully Non-Blocking/Asynchronous REST API's and Spring Cloud for microservices architecture, while React serving as the front end technology.

- Technical Lead for a bespoke JPM internal project. Provided technical expertise in system design and technology stack to use. Trained and mentored five junior team members in the business and technical aspects of the application. Performed code reviews and enforced SCRUM standards. Created specifications for the development team.

Key Technology used: Spring Boot, Spring Cloud (Eureka, Hystrix, Ribbon, Zuul), Spring Batch, Apache Kafka, IBM MQ, Spring Data Jpa, Hibernate, Oracle, React, Docker, Tomcat, Git, JUnit, Mockito, Cucumber.

SKILLS

Cloud Technologies -

Understanding of core AWS services, uses, and AWS architecture best practices.

Languages/Technologies

- Java, J2EE, EJB, Java Swing, Solidity.

Frameworks - Spring MVC, Spring Boot, Spring Cloud, Spring Batch, Spring REST, Play.

Testing Frameworks - Junit, Mockito, Cucumber, Scala Test.

Messaging technologies - Apache Kafka, RabbitMQ, ActiveMQ.

Web Development

Frameworks: React, JSF PrimeFaces, React.

ORM - JPA 2, Hibernate, Eclipse Link, MyBatis, JDBC.

Web Services - REST with Java (JAX-RS) using Jersey, RESTful Web Services with Spring,

RDBMS - DB2, MySQL, Oracle.

Version Control - GIT, TFS.

Project Build

Management - Maven, Gradle

Servers - WebSphere Liberty, Glassfish, Tomcat, Jetty.

IDE's - Eclipse, IntelliJ, NetBeans.

Task Management - JIRA, Redmine.

Visma, Dublin, Ireland — Java Software Engineer

Dec 2018 - April 2019

- Design and develop highly available, low latency backend microservices for the Visma's MIS - Cloud based school administration and timetabling platform. Participated in production deployment activities of new features. Involved in identifying and proposing technical improvements by evaluating new technologies and creating POC's to demonstrate how it can be incorporated into the existing technology stack.

Key Technology used: Spring MVC, Spring Batch, Spring Boot, Play Framework, Kafka, RabbitMQ, JPA, Spring Data Jpa, Hibernate, Oracle, MySQL, VueJs, Tomcat, Git, JUnit, Mockito, Scala Test

Wolters Kluwer Financial Services, Dublin, Ireland — Enterprise Java Developer

Sep 2017 - Nov 2018

- Involved in the development and redesign of the existing Finance, Risk & Compliance (GFRC) company platform focused on Financial Crime Control solutions. This involved taking a fourteen-year-old codebase and rewriting it onto a new stack. I was responsible for providing critical support, architecture and enhancements of the new system as well as providing estimates for new modules and impact analysis for engineering change requests. Mentoring junior developers in achieving project timelines and helping them to produce quality code.

Key Technology used: Java EE, REST, Struts Framework, Oracle, Spring MVC, Spring Batch, Spring Boot, MyBatis, JPA, Hibernate, JavaScript, AngularJs, JSTL, Tomcat, TFS, JUnit, Mockito

IBM, Dublin, Ireland — Java Developer

Oct 2014 - Aug 2017

- Software development of IBM in-house applications used by different LOB's across multiple regions (EMEA, APAC and AMER) using Spring Framework and Java technologies. Involved in the development of new functionalities to existing systems, both back-end and front-end, including debugging, troubleshooting and configuration management.

Key Technology used: Java EE, REST, Spring MVC, Spring Boot, Spring Batch, Spring Data Repositories, Spring Security, JPA, Hibernate, JDBC Template, JUnit, Mockito, DB2, MySQL, AngularJs, Bootstrap, Bluemix, Watson API's

AcquisBi, Dublin, Ireland — Software Developer

May 2014 - Sep 2014

- Assist with software development of existing SaaS company's software & new company products. Designed and developed software-based prototypes. Participating in daily scrum meetings.

Key Technology used: Spring Security, Spring Data Repositories, JPA, Hibernate, Eclipse Link, KendoUI, jQuery, GWT, Smart GWT, Oracle, MySQL, Junit, Mockito

Crown Worldwide, Dublin, Ireland — Global Mobility Consultant

Feb 2008 - April 2014

- Provide company support in the following areas: Import and Export Licensing, Import Customs Clearance, Incoterms.

AWARDS

TD Securities - Nomination for the Pinnacle Award

March 2020

The Pinnacle Award is the highest form of individual recognition a TD Securities employee can receive. Approximately 3% of TD Securities Top performers are recognized each year.

Wolters Kluwer - Excellence in Action

Apr 2017

Awarded for the excellent contribution that led to on time delivery of the company's new Finance, Risk & Compliance platform.

IBM - Employer of the month

Apr 2017

Awarded for Innovation and Bespoke Software Development solutions.

IBM - Spotlight Winner

Apr 2017

Awarded for providing training and mentoring to other team members.

LANGUAGES

English - full professional proficiency

Italian - full professional proficiency

Romanian - full professional proficiency

EDUCATION

National College of Ireland — BSc (Honours) in Computing

2010 - 2014

Software Applications, Networking and Mobile Technologies

Grade – First Class Honours

UCDC — Master, Banking and Finance

2009 - 2010

Manage assets, Corporate Finance and Industry Regulation.

Grade – Distinction A+

Danubius University — Bachelor of Laws (Honours)

2000 - 2004

International Trade Law, Media, Intellectual Property, Criminology, Human Rights, Jurisprudence, Administrative Law.

Grade – First Class Honours