BOHDAN MILENKO

JAVA DEVELOPER

CONTACT

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OBJECTIVE

Seeking a position of a Java Developer in a team that is working on a challenging and ambitious project. I am Oracle certified Java Developer and being out of the box thinker I will help to boost your business by writing stable, scalable, and optimized applications.

CERTIFICATIONS

Oracle Certified Associate (OCA), Java SE 8, 2019

Docker for Java Developers, 2020

MongoDB for Software Developers, 2020

EDUCATION

Post-Graduate Certificate – Strategic Relationship Marketing, George Brown College, 2018-2019

Post-Graduate Certificate – Business Analysis, Sheridan College, 2017-2018

Bachelor's degree – Economics Kyiv National Economics University 2013-2017

PROFILE

- Core Language: Java 8 - Oracle Certified
- Databases: Relational (MySQL, PostgreSQL) & NoSQL (MongoDB), JDBC
- Frameworks: Spring Core, Boot, Data, Security, MVC, Hibernate
- Infrastructure: Docker, Git, Unix/Linux ,Maven, Tomcat, IntelliJ IDEA, Agile, Jira
- Front-End: React, HTML, CSS, JavaScript
- Unit & Integration Testing: TDD, JUnit5, Mockito

PROFESSIONAL EXPERIENCE

Java Developer Self-Employed | Toronto | 2019 March – Present

MusicLibrary - github.com/bohdanMilenko/musicLibrary

MusicLibrary is an API to manage the database of Artists, Albums and Songs. It is a two-tier service that can work with SQL and NoSQL DBs. The architecture is based on service-repository pattern and the business logic is 80% covered with unit and integration tests. For the sake of scalability, the system is based on custom-built Docker containers with the use of the most common design and OOP patterns.

- Achieved high portability and easy deployment with Docker by using custom images, services and volumes for data persistence
- Designed efficient architecture of NoSQL (MongoDB) & Relational (MySQL) databases that increased queries effectiveness by 30%
- Implemented Test-Driven Development using JUnit5 and Mockito
- Inversion of Control (IoC) by implementing Repository-Service Architecture Design

CRM System for Bank – github.com/bohdanMilenko/crmSystem

Application is designed as a back-end service of the CRM system. It may be used at any bank, as it is exceptionally flexible and scalable to meet business requirements. Business logic involves opening/closing new accounts, applying student discounts, various promotions and operations with RRSP account. All of those operations compliment regular operations customer needs to perform with any bank account.

- Inversion of Control and Singleton are core design patterns used
- The service layer is built on interfaces, which makes the app highly adjustable
- Allows quick creation of new Business Products with minimum development time
- Test-Driven Development with JUnit5 - Service Level 60% covered with test

PowerPhoto - github.com/bohdanMilenko/PowerPhoto

It is a front-end application with face recognition functionality. Sign in/Register forms available.

- Built with React and uses components with their states
- Implemented AJAX to facilitate external API calls

Robo Friends - github.com/bohdanMilenko/find-your-robofriends

React front-end application with dynamic search functions. Retrieves the displayed data by making external API calls using AJAX.

Business Analyst Envision USA | Toronto | 2018 Noxvember – Present

Responsibilities:

- Creation of Software Requirements Specification
- Development & Redesign of application logic for implementing new features
- Hand in hand cooperation with Development Team using Jira and Confluence to optimize current product
- Querying PostgreSQL to retrieve the data for further analysis & reporting

Major Achievements:

- Designed new features and supported developers team in the implementation process for enterprise application
- Automated multiple data flows and reduced time spent on data manipulation by 75%
- Analysed and removed bottlenecks in the majority of business processes.