Professional Summary

* Around 3 years of experience in software development using **Java/J2EE** technologies
* Involved in some phases of Software **Development Life Cycle** such as **Analysis**, **Design** and **Implementation**
* Experience with **Object Oriented Analysis and Design (OOAD**) methodology using tools like **Unified Modeling Language (UML)**
* Received 4 months of professional training that included such contents as **JSP**, **Servlets**, **Unix**, **Unix Scripting**, **SQL (Oracle)**, **PL/SQL (Oracle), HTML, CSS**
* Experience with various J2EE design patterns like **Data Access Object**, **MVC**, **Singleton and Factory Method Pattern**
* Worked on **Development of Multithreaded and Concurrent Applications.**
* Familiar with coding rules and **PMD Source Code Analyzer**
* Followed **Test-Driven Development (TDD**) **Methodology** using **Junit and Mockito**
* Applied version-control system tool by using **Git**
* Experience in developing **Web Applications** with various Open Source frameworks: **Spring Framework 4.0/5.0**, **Spring Boot 1.5/2.0**, **Spring Boot** **Restful WS**, **and Hibernate/JPA** **Object Relational Mapping (ORM)**
* Used persistence frameworks, **Hibernate\JPA** to map Objects to a relational database
* Familiar with **Aspect Oriented Programming (AOP) of Spring Framework**
* Experience and understanding of **JDBC API**, **Spring JDBC Approach (JdbcTemplate class)**, **XML**, **JSON**, **Eclipse 4.x IDE**, **IntelliJ Idea and** **Apache Tomcat Server**
* Proficient with **Core Java 7/8** and markup languages **HTML**, **CSS**, **XML**
* Applied skills in **SQL/PL-SQL (Oracle) programming**
* Expertise in **RDBMS** namely **Oracle**, **MySQL** and **PostgreSQL**
* Hands on JUnit, **Mockito** and **Log4j** in developing test cases and determining application functionality
* Used **JENKINS dashboards (CICD)** to track the code built transition from development environment to testing environment and on
* Expertise in **Agile Software Development Methodology (Backlog, Continuous Deployment, Continuous Integration, Daily Scrum Meeting, Definition of Done, Definition of Ready, Given When Then, Iteration, Iterative Development, Kanban Board, Points, Sign Up for Tasks, Sprint Planning, Task Board, Test Driven Development, User Stories)** and used **Jira**

Technology Stack

* **Languages :** Java, J2EE, JavaScript, PL/SQL, Bash Unix Shell Scripting
* **Operating Systems:** Windows, Unix/Linux
* **Web/App.Server :** Apache Tomcat
* **Web Technologies:** XML, JSON, HTML, JavaScript, CSS, HTML, Servlets, JSP, Restful Web Service.
* **Databases :** Oracle, MySQL, PostgreSQL
* **Design&Modelling :** UML, Design Patterns (Data Access Object, MVC, Singleton and Factory Method Pattern), Microsoft Visio
* **Tools/IDE’s :** Eclipse, IntelliJ Idea, Git, BitBucket, JIRA, Confluence, PMD Source Code Analyzer
* **Build Tools :** Maven

Project Details

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| January 2018 - October 2018 | |
| **Project:** | Investment Portfolio Simulation Application (Internal Project) |
| **Client** | FDM Group NY, NY |
| **Environment:** | **Operating Systems:** Windows 7  **Software/Special Tools:** Eclipse Oxygen, Apache Tomcat, Postman, Git  **Languages/Frameworks:** Java/J2EE, Oracle databases, Spring Boot RESTful Webservices, Spring Boot Security, XML, Versioning RESTful Service, Maven, JPA, Junit, Mockito. |
| **Role:** | Java/J2EE Developer |

**Brief description of the project:**

The Investment Portfolio Simulation Application is internal web based system to manage investment portfolios of users based on the data stored in Oracle RDBMS.

**Responsible for:**

* Development of investment risk analysis module that estimates the risks and chances to make profit of investment portfolios based on such factors as interest rate increase by Federal Reserve, duration, inflation, credit risk, liquidity and company financial performance
* Implemented primary sorting of portfolios based on the ratio between stocks and bonds of specific portfolio
* Implemented secondary sorting of portfolios based on specific filters like inflation risk, interest risk, duration and so on
* Created **RESTful webservice** to calculate the total risk based on criteria input
* Helped to normalize some tables in Oracle databases to reduce redundancy and decrease data processing time of queries
* Used extensively **Collection Framework** features like **Map**, **List, Set** to retrieve the data from Web Service, manipulate the data to incorporate Business Logic and save the data to **Oracle database**
* Used **Multithreading and concurrency** to simultaneously process tables as and when a specific portfolio data is completed in one table
* Used **GIT** for the repository management
* Consumed **RESTful Webservices** to retrieve the required information to be populated in the database
* **Participated in daily scrum meetings**
* Used **JPA (Object Relational Mapping)** and followed **TDD methodology**

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| July 2017 – January 2018 | |
| **Project:** | Enterprise Contract Management System |
| **Client** | Fannie Mae Reston, Virginia |
| **Environment:** | **Operating Systems:** Windows 8  **Software/Special Tools:** Eclipse Oxygen, Apache Tomcat, Git, BitBucket, Jira  **Languages/Frameworks:** Java/J2EE, Eclipse, JDBC, XML, Maven, Log4j, Oracle databases, Spring Framework, Junit, Mockito |
| **Role:** | Java/J2EE Developer Consultant (via FDM Group) |

**Brief description of the project:**

ECMS web platform is enterprise application that efficiently manages contracts and contracts lifecycle. It provides online access to lenders for their executed contracts with Fannie Mae.

**Responsible for:**

* Designing of tracking module of Modified Skeleton Contract and Custom Variance Contract for Single Family Homes from request phase to execution phase
* Development of Credit Pre Approval phase and phase of CARM Decision based on Eligibility Matrix (based on LTV, CLTV and other mortgage criteria)
* Suggested solutions to certain scenarios that were mentioned in a specific user story
* Helped in resolving defects that were detected during and after each agile sprint
* Participated in **agile development team** and used such technologies as **Jira, Confluence, BitBucket and PMD source code analyzer**
* Used **JDBCTemplate** to interact with databases
* Implemented **Maven** build tool to build jar files
* Created **Junit** test cases
* Used logging frameworks, **Log4j** for logging the application
* Designed **DAO, Singleton(for database connectivity)** and **Factory Design Patterns**

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| April 2017 – June 2017 | |
| **Project:** | Investment Portfolio Simulation Application (Internal Project) |
| **Client** | FDM Group NY, NY |
| **Environment:** | **Operating Systems:** Windows 7  **Software/Special Tools:** Eclipse Oxygen, Apache Tomcat, Postman, Git  **Languages/Frameworks:** Java/J2EE, Oracle databases, Spring Boot RESTful Webservices, Spring Boot Security, XML, Versioning RESTful Service, Maven, JPA , Junit, Mockito |
| **Role:** | Java/j2EE Developer |

**Brief description of the project:**

The Investment Portfolio Simulation Application is internal web based system to manage investment portfolios of users based on the data stored in Oracle RDBMS.

**Responsible for:**

* Developing all functionalities that administrator and non-administrator users are authorized to do in Login Security Module by using **TDD methodology**
* Building **secured Spring Boot RESTful Webservice** to fetch control features, profile types and user details from Oracle databases
* Designing Login Security Module by applying **DAO and Factory Method Pattern**
* Used persistence layer **JPA** **(ORM)** and writing **SQL queries** based on JPA criteria API

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| March 2017 – March 2017 | |
| **Project:** | Files/Directories Deletion and Restore Application (Internal Project) |
| **Client** | FDM Group NY, NY |
| **Environment:** | **Operating Systems:** Unix  **Software/Special Tools:** Vim Editor, bash Shell  **Scripting Languages:** Unix Bash Shell Scripting |
| **Role:** | Developer |

**Brief description of the project:**

UNIX has no recycle bin. When files or directories are removed, they are gone and cannot be restored. This project was to write a safe\_rm and safe\_rm\_restore to provide users with a recycle bin which can be used to safely delete and restore files.

**Responsible for:**

* Wrote a script safe\_rm that removes multiple files and directories recursively by combining Wildcards and Option Flags (-i, -v, -iv), after removal files and/or directories are stored in a recycle directory
* Wrote a script called safe\_rm\_restore to restore files and/or directories back to their original location

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| February 2016– July 2016 | |
| **Project:** | TagManagement Application |
| **Client** | Lecron Secaucus, NJ |
| **Environment:** | **Operating Systems:** Windows 7  **Software/Special Tools:** Eclipse Mars, Apache Tomcat, Git, UML, Visio, Oracle RDBMS  **Languages/Frameworks:**Java/J2EE, Maven, SpringFramework, Log4j, JUnit, Mockito, JPA |
| **Role:** | Java/J2EE Developer Intern |

**Brief description of the project:**

Tag Management Application is Lecron enterprise application that is used to create, update, and remove tags based on the automation processes in each factory plants.

**Responsible for:**

* Designed persistence layer **(JPA)** to map objects to **Oracle RDBMS**
* Created class diagram in MS Visio to show tag management application’s objects, their attributes, methods, and relations among objects
* Built test cases to check unit functionality by using JUnit and Mockito
* Maintained data in **Oracle database** related to tag management system
* Followed **agile development methodology**
* Used **Spring Framework** for **DI (Dependency injection)** and integrated **JPA(ORM)**
* Created Spring **Configuration XML** file that contains declarations and other dependent objects declaration
* Used **Log4J** to capture the log that includes runtime exceptions
* Created Servlet for updating and retrieving tags data in Oracle database

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| June 2015–August 2015 | |
| **Project:** | BatchMetrics |
| **Client** | Lecron Secaucus, NJ |
| **Environment:** | **Operating Systems:** Windows 7  **Software/Special Tools:** Eclipse Mars, Git, Oracle RDBMS  **Languages/Frameworks:**Java/J2EE, Maven, SpringFramework(AOP), Log4j, JUnit, Mockito, JDBC |
| **Role:** | Java/J2EE Developer Intern |

**Brief description of the project:**

BatchMetrics electronically integrates information from manufacturing environments and creative labs exponentially improving efficiently. Instead of multiple layers that partially communicate with each other, BatchMetrics electronically connects supplier, internal supply chain, and customer in one system.

**Responsible for:**

* Maintained Reports related tables in **Oracle database**
* Worked in **agile team** to implement Reports module which is one of BatchMetrics foundations by using **Aspect Oriented Programming of Spring framework and JDBC API**
* Used **Spring Dependency Injection** properties to provide loose-coupling between layers
* Wrote **SQL** queries, stored procedures, and triggers to perform back-end database operations
* Implemented the logging mechanism using **Log4j** framework
* Wrote test cases in **JUnit** for unit testing of classes

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| September 2013–December 2013 | |
| **Project:** | Control Device Tag Application |
| **Client** | Lecron Secaucus, NJ |
| **Environment:** | **Operating Systems:** Windows 7  **Software/Special Tools:** Eclipse Kepler, Git, Oracle RDBMS, Jira, PL\SQL  **Languages/Frameworks:**Java/J2EE, Maven, SpringFramework(AOP), Log4j, JUnit, Mockito, JDBC |
| **Role:** | Java/J2EE Developer Intern |

**Brief description of the project:**

Control device tag application is a web application system used for mapping between Lecron standard control device tags and those of Lecron’s clients.

**Responsible for:**

* Designing an application for managing Lecron standard control device tags and those of the clients
* Applied **PL/SQL** unit within Oracle Databases to provide functionality of decision that manipulates tables of areas, units, and devices of automated liquid handling systems
* Built test cases to check unit functionality by using **JUnit and Mockito**
* Used **GIT** for the repository management
* Implemented **Maven** build tool to build jar files

Education

**Stevens Institute of Technology,** Hoboken, New Jersey

Master of Science in Software Engineering, GPA: 3.73 December 2015

**Hunter College of The City University of New York,** New York, New York

Bachelor of Arts in Computer Science, MGPA: 3.6 June 2013

**Honors:** Departmental Honors

**Touro College,** New York, New York

Associate in Interdisciplinary Liberal Arts, GPA: 3.9 December 2008

**Honors:** Merit Scholarship, Dean’s List