**OBJECTIVE:** A MuleSoft Developer position where my programming skills and knowledge can contribute to Equitable Bank Inc.’ successful digital business

**PROFILE SUMMARY**

- Worked as a full stack developer using Java/J2EE/SQL in a system operation team and development team for 10+ years

- Experienced various J2EE frameworks such as spring MVC/Security, Hibernate, Oracle J2EE business component,

- Understood the integration of the complicated enterprise system service environment composited of 170+ heterogeneous systems

- Analyzed/designed/documented/developed/tested complex business process systems along with peers/managers/customers

- Familiar on day-to-day activity such as data monitoring/troubleshooting/reporting to support 24/7 non-stop system

- Participated in iterative development projects and fully understood development life cycle (SDLC)

- Completed around 20 large enterprise Java projects and modern JS projects (RESTful API/Node.js/Angular)

- Engaged in service and component -based development (CBD) and multi-tier model (MVC) in large scale projects

**PROFESSIONAL SKILL**

**Program Language**: Java, J2EE (Spring MVC/Security, Hibernate, Oracle ADF, OAuth), Structured Query Language (SQL), JavaScript (RESTful API/Bcrypt.js/Client-Session.js/Node.js/Angular/React/Bootstrap)

**IDE (Integration Develop Environment) Tool**: Eclipse, JDeveloper, SQL Developer, Borland Together, StarUML

**WAS (Web Application Server):** Weblogic, Tomcat, Oracle Application Server (Oracle Component for Java)

**DBMS (Data Base Management System):** SQL Server, Oracle Database 10g, DB2, MongoDB, PostgreSQL

**OS (Operate System):** UNIX, Linux, Window, IBM i

**Build/Test/Repository:** ANT/Maven (Build), Git/Serena PVCS (Version Control), RESORT for Java (Code Checker), Junit (Testing)

**EDUCATION**

Diploma, Computer Programming Developer January, 2018

Seneca College

Achievement: President Honours List 2017, GPA 3.9/4.0

Course Projects:

* Employee Management System (4 months, May, 2017): manages the employees, managers, departments information

Key skills: RESTful API/Angular/Jasmine/Node.js/ Express.js/JQuery/AJAX/JSON/SASS/Bootstrap/ JavaScript/MongoDB

Source codes: https://github.com/JongkukLee/PMSProject.git

* Project Management System (4 months, August, 2017): manages the project information: name, description, leader and so on

Key skills: RESTful API/Node.js/ Express.js/JQuery/AJAX/JSON/Bootstrap/JavaScript/HTML/CSS/PostgresSQL

Source codes: https://github.com/JongkukLee/EMSProject

* About 10 other projects with C/C++/Java/RPG/StarUML/Oracle/DB2

Hyundai Information technology education center 1999

* Java programming language course

BSc. Chemistry March, 1998

Ulsan University

**WORK EXPERIENCE**

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| --- | --- | --- | --- | --- |
| **Job Title** | **Role** | **Customer / Region** | | **Period** |
| Manufacturing Execution System (MES) operation | Operation Team | POSCO (Korea, Indonesia) | | 1. ~ 2016 |
| **Overview**: POSCO MES was a J2EE/Web-based system to automate POSCO steelwork manufacturing lines including over 200 factories and connected with PLC/process computing and ERP system  **Key responsibilities:**   * Basically, worked as a member of POSCO MES operation team but often participated in developing projects * Analyzed/designed/documented/developed/tested the J2EE and SQL-based source codes according to the customers’ service requests of 4 factories in Korea and 1 factory in Indonesia, to evolve the systems and enhance business processes * Daily monitored/debugged system faults in remote-area using VPN software to support 24/7 non-stop system * Reported the impacts of the system changes to support the system project teams   **Key skills:** J2EE/Spring MVC/Security with Hibernate/Oracle J2EE Solution (BC4J)/Oracle MVC-J2EE framework/ SQL/Oracle Database 10g/Oracle Concurrent Manager/JavaScript  **Results**: Provided reliable IT service, Supported the enhancement of system/business processes, Contributed to product productivity | | | | |
| POSPIA3.0 project | Developing Team | POSCO (Korea, Indonesia) | | 2013~ 2014 |
| **Overview:** POSPIA3.0 was a J2EE/Web-based system to track the raw materials, products, and costs in POSCO global workplaces through standardization of over 170 global business systems like ERP, MES, and SCM and so on  **Key responsibilities:**   * Analyzed/documented the impact of manufacturing system related to changing ERP model, and modified source codes * Extracted business process rules from the Java/SQL-based source codes of the manufacturing system, to manage on global master data system for standardization of order/production information * Provided complex SQL query statements for dashboard on BI system, to compare data between MES and ERP system   **Key skills:** J2EE /Oracle J2EE Solution (BC4J)/Oracle MVC/SQL/Oracle Database 10g /Oracle Concurrent Manager/JavaScript  **Results**: Tracked raw materials/products in real-time, Responded to customer inquiries 10x, Manufacturing decision-time 4x faster | | | | |
| Manufacturing System Renovation project | Developing Team | | POSCO (Korea) | 2002 ~ 2004 |
| **Overview:** POSCO MES Renovation project was a part of POSCO Process Innovation (PI) activities, and it was the first enterprise solution to be applied Java/J2EE to large-scale process manufacturing system  **Key responsibilities:**   * Created UI pages to back up when the automation system was unavailable, using Oracle Java/J2EE solutions such as Oracle Application Development Framework (OADF), Oracle MVC-J2EE Framework, and Oracle Business Component for Java * Created NON-UI applications to transfer data among automation sensor (PLC) /process computing (P/C) ~ Business computing (B/C) ~ ERP, using POSCO Message-J2EE Framework built based, and EAI server * Developed statistics reports/charts using J2EE/SQL/Concurrent solution to detect risks and to reduce the bottle neck   **Key skills:** J2EE/JClass chart/ Oracle J2EE Solution (BC4J)/Oracle MVC/SQL /Oracle Database 10g/Oracle Concurrent Manager/Enterprise Application Integration proxy server ( Fiorano, U-Cube)  **Results**: United the systems of domestic factories, Visualized data from P/C to ERP, Cut down system maintenance costs | | | | |
| **POSCO Other Projects:** System Designer/System Developer/J2EE, JavaScript, Oracle  - Steel Plate System Refine (2015), - New Steel Plate Product Computerization (2014), - Steel Plate New Cutting Line Computerization (2011), - Steel Plate New Heat Treatment Line Computerization (2007), - Product Quality Detect System (2012),  - Ethics Declaration System (2006), - Financial Audit System (2005) - Hot coil Factory Computerization (2004) and so on  **Other Company Projects:**  - Mileage Integration System (Hyundai Department Store, Korea, 2001) - Developer/JSP, Java, EJB, Oracle, Weblogic, UNIX  - Stock Website Renovation (Sejong Stock Exchange, Korea, 2001) - Developer/built stock charts using Java/JClass solutions  - Customer Relation Management (CRM) System (Hitachi System, Japan, 2000) - Developer/JSP, Java, Jserve, HiRDB, UNIX  - Web Recruiting System (Tomato, Korea, 2000) – a developer, ASP/Visual Basic/IIS/Visual Studio/SQL Server/Window NT | | | | |