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**SOFTWARE ENGINEER**

Object Oriented Design and Development — Relational Database Systems

- *Exceptional Software Engineer* - 6+ years of experience with the entire software development lifecycle. Dedicated to the delivery of innovative solutions for today’s problems, using tomorrow’s tools.
- *Excellent troubleshooting and analysis skills* - Quick to analyze the root cause of issues and work towards both immediate and long term solutions.
- *Expert in backend/middle system design & implementation* - Years of experience in validating, processing, and marshalling data across varied systems.

**COMPUTER SKILLS**

**Languages & Software:** Java, Groovy, SQL, Javascript, Ruby, Python, Spring Framework, Docker, Tomcat, JEE, Hibernate, Maven, Gradle, JUnit, Spock, Apache Camel, Log4J, Logback, SLF4J, Backbone.js, JQuery, Bootstrap, Nginx, Oracle, MySQL, SQLite.

**Operating Systems:** Windows, Linux (Fedora, Ubuntu, RHEL, OpenSuse), OSX.

**EXPERIENCE**

**Senior Software Engineer** (Under Contract To) Optum  
Eden Prairie, MN 2016 - 2017 (5 months)

- Improved a code generation feature of an internal framework built on top of Spring Framework. Easing life for developers.
- Led the conversion work of inline JSON deserialization to Jackson enhanced DTO for the communication of internal datastructures via web API and message queues.
- Involved in the early work to replace standalone legacy REST API services with versions built on the latest Spring Boot.

**Software Engineer** Cargill Incorporated, Risk Management  
Hopkins, MN 2013 - 2016 (3 years, 6 months)

- Lead a small (3-5 person) team to retool and support a migration system in preparation of an extended cutover testing period.
- Architected a Python REST API to integrate an Oracle data source with a third-party suite of back, middle and front office tools.
- Redesigned management system for 'Risk Products', delivering improved control over the individual components.
- Maintained/upgraded a 10+ year Spring web application. Modernized interface, improved the back end, started work to move to modern build tools/process.

**Software Engineer Intern** (Under Contract To) FPX LLC  
Mankato, MN 2011 - 2013 (2 years, 1 month)

- Expanded a REST API and implemented continuous integration testing.
- Developed a DSL and tooling for internal auditing, testing and reporting.
- Developed a 'playback' system that facilitated debugging of client systems.
- Quality assurance, code coverage and regression unit testing.

**EDUCATION**

*Bachelor of Science, IT (May 2013)* Minnesota State University  
Software Engineering & Ethics Mankato, MN

**NOTABLE ACHIEVEMENTS**

- *Eagle Scout* 2007
- BSA Leadership Instructor Summers 2004-2007

**REFERENCES**

Available Upon Request

**Résumé**