Drew Short — **Résumé**

⌂ St. Paul MN — ✆ (651)-285-4565 — ✉ drew@sothr.com — 🌐 https://www.sothr.com

SOFTWARE ENGINEER

Object Oriented Design and Development — Relational Database Systems

- *Exceptional Software Engineer* - 8+ years of experience with the entire software development lifcycle. 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, Kotlin, SQL, Javascript, Python, Maven, Gradle, JUnit, Spock, Spring Framework, Spring Boot, Spring Cloud Stream, Hibernate, Docker, Tomcat, Logback, SLF4J, Backbone.js, JQuery, Nginx, Oracle, MySQL, SQLite.
Operating Systems: Windows, Linux (Fedora, Ubuntu, RHEL), OSX.

EXPERIENCE

Lead Software Engineer   **Optum**
Eden Prairie, MN   2017 - 2019 (2 years, 1 month)
                                                    (Contracted) 2016 - 2017 (7 months)

- Developed report tooling to group and assign security issues to domain teams.
- Led efforts to triage critical security issues in a production Spring application.
- Improved a code generation feature of an internal framework built on top of Spring Framework. Easing life for developers.
- Led the coversion 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)

- Led a small (3-5 person) team to retool and support a migration system in preperation 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.

EDUCATION	*Bachelor of Science*, IT (May 2013) Software Engineering & Ethics	Minnesota State University Mankato, MN
NOTABLE ACHIEVEMENTS	• ***Eagle Scout*** • BSA Leadership Instructor	***2007*** Summers 2004-2007
REFERENCES	Available Upon Request	