

# Sarah Boka

## Software Engineer

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## Technical Skills

- Java
- Python
- JSP & JSTL
- JavaScript & jQuery
- Spring MVC
- Spring Security
- HTML/CSS/Bootstrap
- Servlet API
- Test-Driven Development
- N-tier Architecture
- OOP
- AOP
- Debugging Techniques
- Exception Handling
- Unit Testing
- Iterative Development
- MySQL
- SQL Query Writing
- Spring JDBC
- Hibernate
- Ajax
- REST
- JSON
- Git

## Projects

### Blog Website

- Dynamic blog website with security features allowing users to view posts while admin can login to create posts/pages. Includes separate functionality for admin depending on login credentials.
- Built using Spring Core, Security, MVC, JDBC with MySQL, TinyMCE, Ajax, JSTL, jQuery, JS, JSON, Hibernate, REST, and Git.
- Designed with Bootstrap, HTML/CSS.

### Vending Machine Web Application

- CRUD Interactive Web Application that reads and writes items to and from Database.
- Allows user to enter money, choose an item, and receive change.
- MVC Functionality using Spring, Ajax, JSON, jQuery, JSTL, JDBC Template, and MySQL.
- Designed with Bootstrap, HTML/CSS to mimic a vending machine.

## Professional Experience

### The Software Guild - Louisville, KY

2016

#### Java Apprentice

- The Software Guild is an intensive, fast-paced apprenticeship program that produces full stack Java Developers.
- More than 850 hours of hands-on developing experience.
- Mentored and instructed by industry professionals with 10+ years' experience.
- Paired programming, individual programming, and group projects.
- Made multiple business applications & websites that enabled clients to add, remove, edit, view & search objects from files or database, readily implementing additional features.
- Applied technologies including Spring Core, Security, JDBC, MySQL, Ajax, REST, and more.
- Used concepts including MVC, OOP, AOP, TDD, Iterative Development, and more.

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**Fieldwork San Francisco** - San Francisco, CA

April 2011 – August 2014

## **Head of Client Services & Facilities**

- Managed client services staff and logistics at San Francisco's high energy, major market research facility.
- Created and implemented innovative systems to improve operations and efficiency.
- Lead point of contact of San Francisco company branch.
- Delegated tasks to ensure the success of simultaneous projects, determined qualifying factors for projects, met quotas, scheduled appointments, and documented data.
- Planned and conducted staff meetings introducing improved strategies and removing outdated practices.
- Gained years of experience in management and leadership.
- Oversaw daily accounting.
- Regularly updated branch databases.

## *Education*

**The Software Guild** - Louisville, KY

Java Apprenticeship Program

**University of Nevada, Reno**

BA in Anthropology

Minor in Communications