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# Sarah Boka

Software Developer

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## Technical Skills

**Server Side Technologies:** Java EE, Spring MVC Framework, Python, REST

**Data Tier Technologies:** MySQL, PostgreSQL, Spring JDBC

**Client Side Technologies:** AngularJS, jQuery, JavaScript, CSS, HTML, Bootstrap, AJAX

**Language Fundamentals:** Object-Oriented Programming, Test-Driven Development, Debugging Techniques, Agile Methodology Principles, Version Control(Git)

## Projects

**Personal Website:** <http://www.sarahboka.com>

**Debate Web App:** <https://github.com/sarahboka/debate-web-app> (Soon to be deployed on AWS)

- Java web app that allows users to register, debate, and vote. Users can search debates by category, resolution, status, date, or username. Users and moderators have a dashboard and profile.
- Moderators can also edit, delete, publish, or unpublish debates as well as create other moderators and block users. Functionality is locked using Spring security, Hibernate, and BCrypt.
- Built using Test-Driven Development, REST, Spring, MVC, JDBC, MySQL, Ajax, JSTL, Javascript, jQuery, HTML/CSS and Bootstrap.

**Blog Website:** <https://github.com/sarahboka/blog-site>

- Dynamic blog website with security features allowing admin to login to create, edit, or delete blogs and static pages. Includes separate functionality for boss admin depending on login credentials.
- Built using Java, Spring Core, Security, MVC, JDBC with MySQL, TinyMCE, Ajax, JSTL, jQuery, JS, JSON, Hibernate validation, REST, and Git.

**Vending Machine Web App:** <https://github.com/sarahboka/vending-machine-webapp>

- Java interactive web app that reads and writes items to and from Database. Allows user to enter money, choose an item, and receive change. Spring security for admin settings page.
- 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

August - December 2016

### Java Apprentice

- The Software Guild is an intensive, fast-paced apprenticeship program.
- More than 850 hours of hands-on developing experience, often coding for up to 12+ hours a day.
- Mentored and instructed by industry professionals with 10+ years' experience.
- Paired programming, individual programming, and group projects with Agile methodologies.
- Made multiple console & full stack web applications that enabled users 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.

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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 facility branch.
- Delegated tasks to ensure the success of simultaneous projects, determined qualifying factors for projects, met quotas, 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

August - December 2016

Java Apprenticeship Program

**University of Nevada, Reno**

December 2010

BA in Anthropology

Minor in Communications