**S p e n c e r G i b b**

| Ann Arbor, Michigan - *Mobile*: 801-540-5830, spencer@gibb.tech, [@spencerbgibb](https://twitter.com/spencerbgibb) |
| --- |
| **Skills** | * Java tech (Spring, Scala, Hibernate, JPA, Maven, Swing, Ant, GWT, JEE, JSE)
* Web tech (nodejs, HTML, CSS, JS, Rest)
* Large-scale distributed systems
 | * NoSQL and SQL databases
* Simultaneous large-scale projects
* Working in cross-functional teams
* Unit and integration testing
 | * Team leadership
* Full product life cycle
* Functional requirements
* Mentoring junior co-workers
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**Professional Experience**

**R&D ENGINEER SOFTWARE**, Broadcom (formerly VMware & Pivotal), Palo Alto CA (Remote), *June 2014 – Present*

* Co-founder and lead of Spring Cloud: https://github.com/spring-cloud

**PRINCIPAL ENGINEER**, Domo, American Fork UT, *May 2013 – Jun 2014*

* Dropwizard, AWS, MySQL, Java, Spring

**PRINCIPAL ENGINEER**, FamilySearch, Salt Lake City UT, *Feb 2013 – May 2013*

* Cassandra, Dropwizard, AWS, MongoDB, JSON, 800M records

**ARCHITECT/PRINCIPAL ENGINEER**, LDS Church, Salt Lake City UT, *Nov 2010 – Jan 2013*

* Developer on Leader Portal (nodejs, Javascript, Riak), *9/2012 – Jan 2013*
* Team lead on digital catalog application (Java, Spring, MarkLogic), *9/2011 – 8/2012*
* Enterprise Software Architect for a portfolio of applications, *11/2010 – 9/2011*
	+ Responsible for architectural cohesion across all projects in the portfolio
	+ Continued, part-time, as lead software engineer for preservation system

**SENIOR SOFTWARE ENGINEER**, LDS Church, Salt Lake City UT, *Jul 2007 – Jul 2008, Jul 2009 – Nov 2010*

* Developed Digital Preservation submission application (GWT, Java, Scala, Spring)
* Developed Personal Video Conferencing account creation application (JSF, Spring)
* Senior team member on entrance security project for the 130+ temples (see www.lds.org/temples for explanation)
* Developed web services, web applications, and Swing clients
* Developed using Java Server Faces, Facelets, Java Persistence API (Hibernate provider), Web Services (XFire)
* Developed swing interface for bar-coding application to inventory between 2-4 million archive items

**SOFTWARE CONTRACTOR**, Salt Lake City UT, *Jul 2007 – Jun 2009*

* (Company: STG Inc., Client: Northrop Grumman) Senior Engineer on a large government research application. Implemented code using Spring, iBatis, SQL, Apache Digester, JavaCC, and Oracle 10g. Database contained over 750 tables.
* (Company: Alta Consulting LLC, Client: RX America) Designed, architected, and implemented a web service to gather and send data to a 3rd party printing company using JEE 5, Web Services, JPA, Session EJB's, Oracle, and XML
* (Company: Self, Client: Broadweave) Developed RESTful shopping cart API using Maven, Spring, Hibernate, and CXF
* (Company: Self, Client: Broadweave) Created administration application using Eclipse Rich Client Platform (RCP)

**SENIOR SOFTWARE DEVELOPER**, Collabraspace Inc., Annapolis MD, *Aug 2004 – Jul 2007*

* Team Leader on a complex government application
* Tasked, mentored, and reviewed deliverables for each team member
* Lead developer for 1st Air Force Collaborative Decision Aid, a Weblogic Portal application that integrates various third-party applications and a custom J2EE/Swing Applet
* Developer for CollobraSuite, a set of graphical collaboration modules using Swing, J2EE, and BEA Weblogic Portal
* Built multiple N-Tier clusters using J2EE, Web Services, Weblogic, Oracle, and Apache

**SOFTWARE DEVELOPMENT SPECIALIST**, Dept. of Defense, Ft. Meade MD, *Apr 2003 – Aug 2004*

* Ported an Oracle Forms-based issue tracking system to a web-based application
* Mentored other team members in Java and J2EE best practices
* Collaborated in design of a legacy database port to Oracle
* Developed applications with BEA Weblogic 8 and Oracle 9
* Completed 'Software Engineering Process' Course

**SENIOR DEVELOPER**, BuildersNet, Inc., Orem UT, *Jan 2002 – Sep 2002*

* Designed and developed web-based applications in e-commerce, web hosting, and groupware applications
* Built systems, installed and configured Linux, Apache, BIND, and MySQL
* Designed and created database schemas for applications

**PARTNER/SENIOR ENGINEER**, NetBing LLC, Orem UT, *Mar 2001 – Jan 2002*

* Designed and implemented E-Commerce systems in a J2EE/Linux environment
* Collaborated in decisions regarding purchase of hardware, software, and Internet connectivity
* Designed and implemented a scalable and flexible e-commerce system using JSP, EJB 2.0 (Entity and Session beans), PHP, payment gateway, and 3rd party loan software integration

**USER INTERFACE ENGINEER**, Excite@Home (formerly iMall Inc), Orem UT, *Jan 1998 – Dec 2001*

* Team member on large-scale web applications for AT&T Small Business Hosting and IBM Homepage Creator
* Created co-branded web-based interfaces using Java, JSP/Servlets, and Netscape Server Side JavaScript)
* Developed EJBs BEA Weblogic Application Server in a cooperative environment
* Gained expertise in JSP/Servlets, JavaScript, and HTML and performed limited graphic design in Adobe Photoshop.



**Open Source Projects**

**FOUNDER/CO-FOUNDER**

* Spring Cloud: https://github.com/spring-cloud – Tools for building common patterns in distributed systems with Spring Boot
* Battleschool: <https://github.com/spencergibb/battleschool> – Simple work-station provisioning using Ansible
* Halfpipe: <https://github.com/spencergibb/halfpipe> – A Dropwizard clone using Spring & Tomcat (superseded by Spring Cloud)

**CONTRIBUTOR**

* Spring Framework: https://github.com/spring-projects/spring-framework – Popular Java application framework
* Spring Boot: https://github.com/spring-projects/spring-boot – Spring application that you can “just run”
* Eureka: https://github.com/Netflix/eureka – Service registration and discovery server and client written in Java

| **Technologies** * Java, Spring, Kotlin, Groovy, Scala, Hibernate (JPA), iBatis, Java Server Faces (JSF), Facelets, JEE (JSP, EJB, JMS, Servlets), Swing, JDBC, Maven, Ant, Eclipse, Eclipse RCP, JAX-RS, TestNG, DBUnit
* App Servers: Tomcat, Jetty, Netty, Dropwizard, Weblogic, Websphere, JBoss, Glassfish
 | * JavaScript, HTML, CSS, Web Services, Apache, PHP
* Platforms – Linux (Ubuntu, Red Hat, Fedora, Debian), Solaris, Mac, Windows
* Database – SQL, Oracle, MySQL, Riak, MongoDB
* Misc. – Ansible, git, C++, C, Python, Ruby, Perl, Shell Scripts, Photoshop, Subversion, CVS
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**Education** – **BS, Computer Science**, Brigham Young University, Provo UT, December 2002

* Senior courses in: Software Engineering, Distributed System Design, Database Modeling Concepts, Computer Communication and Networking and Machine Learning.
* **Sun Certified Java Programmer**, October 2004



**Volunteer Representative** – The Church of Jesus Christ of Latter-day Saints, Recife, Brazil, Dec 1994 – Dec 1996

* Learned Portuguese almost fluently
* Developed and taught weekly training meetings for 20 – 30 representatives
* Traveled to help individual representatives learn problem-solving, effective teaching, and leadership skills