

SPENCER GIBB

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)	• NoSQL and SQL databases	• Team leadership
	• Web tech (nodejs, HTML, CSS, JS, Rest)	• Simultaneous large-scale projects	• Full product life cycle
	• Large-scale distributed systems	• Working in cross-functional teams	• Functional requirements
		• Unit and integration testing	• Mentoring junior co-workers

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, Collabrapace 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

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| <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• 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