

# SPENCER GIBB

Chelsea, MI, *Mobile*: 801-540-5830, [spencer@gibb.tech](mailto:spencer@gibb.tech), [@spencerbgibb](https://twitter.com/spencerbgibb)

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<b>SKILLS</b>	<ul style="list-style-type: none"><li>• Java tech (Spring, Scala, Hibernate, JPA, Maven, Swing, Ant, GWT, JEE, JSE)</li><li>• Web tech (nodejs, HTML, CSS, JS, Rest)</li><li>• Large scale distributed systems</li></ul>	<ul style="list-style-type: none"><li>• NoSQL and SQL databases</li><li>• Simultaneous large-scale projects</li><li>• Working in cross-functional teams</li><li>• Unit and integration testing</li></ul>	<ul style="list-style-type: none"><li>• Team leadership</li><li>• Full product life cycle</li><li>• Functional requirements</li><li>• Mentoring junior co-workers</li></ul>
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## PROFESSIONAL EXPERIENCE

**PRINCIPAL SOFTWARE ENGINEER**, VMware (formerly 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](http://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 – Present*

- (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**, Collabospace 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.
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**OPEN SOURCE PROJECTS –**

- 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)
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**TECHNOLOGIES**

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| <ul style="list-style-type: none"><li>• 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</li><li>• App Servers: Tomcat, Jetty, Netty, Dropwizard, Weblogic, Websphere, JBoss, Glassfish</li></ul> | <ul style="list-style-type: none"><li>• JavaScript, HTML, CSS, Web Services, Apache, PHP</li><li>• Platforms – Linux (Ubuntu, Red Hat, Fedora, Debian), Solaris, Mac, Windows</li><li>• Database – SQL, Oracle, MySQL, Riak, MongoDB</li><li>• Misc. – Ansible, git, C++, C, Python, Ruby, Perl, Shell Scripts, Photoshop, Subversion, CVS</li></ul> |
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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
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**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 and helped individual representatives learn problem solving, effective teaching and leadership skills