Joey Gibson

Languages: Go, Java, Kotlin, Clojure, Scala, Ruby, Python, Bash, Rust, C  
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## Open Source Contributions

* Elsy - Build tool using Docker <https://github.com/cisco/elsy>
* Docker - Four commits to the project: <http://jygb.us/2phDsO2>
* Announce-My-Presence - Amazon Echo skill to announce one’s presence when entering a room <https://github.com/joeygibson/announce-my-presence>
* TrumpTweets - Amazon Echo skill to read tweets from a certain user <https://github.com/joeygibson/trumptweets>
* GVoice - An iOS library for interacting with Google Voice - <http://bitbucket.org/joeygibson/gvoice>
* JUnitLaunchFixer - Eclipse plugin to set heap for testing - <https://github.com/joeygibson/junitlaunchfixer>
* “Export to Archive” plugin for iPhoto
* “MiddleClickClose” plugin for Safari
* ActiveRecord adapter for SQL Server (part of Ruby on Rails)
* Pocket Smalltalk, Lead Developer until January 2003

## Experience

2013 - present

**Cisco Systems, Inc.** – Senior Architect

* Member of the architecture team, designing and building apps in Go, Java, Kotlin, Scala, Clojure, Ruby, and Bash.
* One of three main developers working on [Elsy](https://github.com/cisco/elsy), a unified build tool for Stealthwatch products (and an open source project).
* Designed and built
  + a prototype in Go for a new product offering; working with product team turning prototype into producton.
  + a Go app to read protobuf records from a 0MQ socket and write them to compressed files.
  + a Go app to transfer protobuf files from on-prem to cloud.
  + a Go app to receive protobuf files from on-prem.
  + a Kotlin app to read protobuf files and store the records into Parquet files.
  + a Go app to export system configuration from Stealthwatch command module for upload to cloud.
  + a prototype Netflow collector in Java using the LMax Distruptor.
* Wrote an AWS Lambda service in Go for moving files from S3 to another component in the system.
* Worked on next generation NetFlow collection engine. This project was in C.
* Worked on pared-down NetFlow collection engine to transmit data to our first cloud offering.
* Worked on various aspects of the Stealthwatch suite of programs, most of which are in Java.
* Worked with geographically distributed teams in Prague, Paris, Rolle, Raleigh, and Boxborough.
* Technical mentor and code-reviewer for multiple teams.

2008 - 2013

**GlobalScholar** – Senior Architect

* Specification, architecture, and development in Java and Flex across both front and back of the system.
* Database schema definition and migration scripts.
* Implemented and managed build process and CI server. Our build tool was Maven,. I implemented the Maven release-plugin’s features in Ant, which gave us the flexibility that Maven didn’t provide.
* Filled in for department director in his absence.
* Technical mentor and code-reviewer for other team members.

2004 - 2008

**Jobkabob, Inc.** – Chief Technologist

* Designed and implemented all Jobkabob software, including all user interface and back-end processes.
* Designed and built user interface using Tapestry and JavaScript.
* Designed and built back-end using Hibernate, Spring and SQL with a MySQL database, deployed in the JBoss application server, running on Linux systems.
* Designed and built indexing and searching server for all jobs and job seekers in our system using Lucene.
* Rebuilt a portion of the Jobkabob functionality in Ruby on Rails.

2001 - 2004

**BravePoint, Inc.** – Senior Consultant/Instructor

* As a consultant at BravePoint, I worked for several companies and on various projects.
* Architect/Lead Developer/DBA/Group Mentor on C#/ASP.Net project
* Second architect on large web-enablement project for the State of Georgia using Java and BEA WebLogic 7 that had to be HIPAA compliant
* Technical mentor to the entire team
* One of four team leads; performed design and code reviews for all team members
* Designed and implemented Web Service based back-end for Interactive Voice Response (IVR) system
* Designed and implemented a Web Service solution to integrate business functionality for Expedia.com to back-end legacy airline ticketing systems
* Designed and implemented a web site solution using Java and Apache Struts to dynamically host content for 45 subsidiary company web sites on a single server, with content sharing capabilities and full product catalog access, including shared products
* Co-authored BravePoint training materials on Enterprise JavaBeans, Advanced Servlets & JSP
* Instructed BravePoint training classes for students from several companies
* Designed and implemented Web Service in Java with clients written in Java and Smalltalk

1999 - 2001

**InJesus.com** – Architect/Developer

* Designed and implemented web content delivery system using Java Servlets and JSP to enable churches and missionaries to communicate with their parishioners/followers.
* Technical mentor to all team members
* System Analyst, BellSouth Information Systems; Tucker, GA — 03/1997 - 10/1999
* Conceived, designed and implemented a mobile agent based automation system in Java using ObjectSpace Voyager
* Designed and implemented a client-server data correction system using Java RMI
* Designed and implemented an Applet interface for managing a large integrated customer database
* Designed and implemented website for monitoring jobs for the production team, originally CGI-based in Perl, then moved to Java Servlets
* Built several internal web sites using PHP and Perl

1996 - 1997

**Access Financial Corporation** – Software Engineer

* Designed and implemented Java programs to convert data between the company and their parent company, which was in the process of absorbing all operations and processes

1991 - 1996

**Energy Management Associates/EDS** - Senior System Engineer

* Designed and built one of the first web sites within the EDS corporation in February 1994
* Conceived, designed and implemented client-server enhancement to an EDS product for clients in Saudi Arabia and Nevada
* Designed and implemented employee scheduling system for departmental use at EDS
* Designed and implemented intelligent system backup software for EDS/Utilities Division in Perl, C and TCL
* Designed and implemented client-server alphanumeric paging system interface to Pac/Tel pagers

1990 - 1991

**CIBA Vision Corporation** – PC Analyst

* Developed utility programs for departmental use
* Provided PC support for various users

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