# Ronald “Skip” Cole

Skip.Cole@gmail.com

## PERSONAL SUMMARY

* Sun Certified Enterprise Architect
* Dedicated IT professional with 16+ years of experience including 12+ years developing Java ntier applications and 10+ years designing solutions and leading teams
* Certified programmer, developer, software architect and relational database designer
* Extensive experience in Java/J2EE, Ajax, JQuery, Spring, Hibernate, SQL/RDBMS and XML
* Disciplined in documenting and testing code using frameworks such as JUnit, TestNG and Selenium (former Release Manager for security software company)
* Full Stack developer with Anglular.js, node.js, and Bootstrap experience
* Experience participating and managing projects through their entire lifecycle: excellent communicator

## ADDITIONAL TECHNOLOGY CERTIFICATIONS

* AWS Certified Cloud Practitioner
* AWS Certified Developer
* Sun Certified Java Developer
* Sun Certified Java Programmer
* Oracle 9i Certified Database Associate

## TECHNICAL SKILLS

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| --- | --- |
| **Auditing/Logging/ Reporting** | Business Objects Enterprise, Crystal Reports, Graylog, Log4J |
| **BPMN** | Drools, Guvnor, Wrote a Custom System for the U of I. |
| **Build/CI Tools:** | Ant, Chef, Gradle, Jenkins, Make, Maven, NPM, RPM, Yarn |
| **Database/ETL Tools:** | DbVisualizer 9.0.3, Informatica, Talend, Toad for DB2 4.7 |
| **Graphical Packages:** | Adobe Illustrator, Adobe Photoshop, Paint Shop Pro, 3 JS |
| **Microsoft:** | Access, Excel, Outlook, Power Point, SharePoint, Word |
| **Front-end Technologies:** | Angular.js, Bootstrap, CSS, HTML, JavaScript, JQuery, JSF, Node.js, ThymeLeaf, Vue.js |
| **Media & Multimedia Packages:** | Director 6.5, Flash 4.0, Corel VisualStudio Pro X4, Unity 3D |
| **Network Protocols & Tools:** | Fiddler, FTP, HTTP, LDAP v3, Putty, SSL, TCP/IP |
| **NoSQL** | DynamoDB, ElasticSearch, MongoDB |
| **Operating Systems:** | Linux, Macintosh, Red Hat, Unbuntu, UNIX, VAX/VMS, Windows |
| **Portal Technology** | Apache Tiles, SiteMesh |
| **Programming Languages & Protocols:** | Spring, Hibernate, Java, J2EE, EJB, AJAX, JavaScript, PHP, ASP, C,  C++, CGI, COM, DCOM, DHTML, FORTRAN 77/90, Groovy,  Mathematica, MQS, PERL, PL/SQL, Python, QuickBasic, Ruby, SAS  8.0, SQL, Struts, Tibco, UML, UNIX Shell, Visual Basic 6.0, Visual InterDev 6.0, Visual Studio, XML |
| **Project**  **Management/Tracking:** | Basecamp, Jira, Microsoft Project, Rational Jazz Team Server |
| **Source Code Control:** | ClearCase, CVS, Github, Stash, SVN, SVN Tortoise |
| **Static Code Analysis:** | HP Fortify, Parasoft , Sonar |
| **Terminal Emulation** | Micro Focus InfoConnect (Attachmate) |
| **Testing Software:** | JUnit, JMeter, PhantomJS, Selenium, TestNG |
| **Web Authoring Software:** | FrontPage, DreamWeaver, WordPress |
| **Web/Application Servers:** | Apache/Tomcat, IIS, JBoss, JRun, Weblogic, WebSphere, OracleAS |
| **Web Services:** | SOAP, REST |
| **Virtualization** | Amazon AWS, Docker |

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## WORK EXPERIENCE

**Sea Change Simulations LLC**

**6/2011 – Present**

**Manager**

* Formed LLC to manage Open Source Software Simulation Platform that I had developed at USIP
* The Open Simulation Platform software has been in use consistently internationally ever since.
* While at Leidos I had to temporarily shut down my LLC to avoid potential conflicts of interest, but still maintained the software for the UCSD pro-bono.

**Leidos (remote work for Leidos for client IRS)**

**5/2019 – 5/2024**

**Consultant**

* Transitioned from Apex to Leidos in May 2019
* Maintain and improve complex legacy system using many different technologies
* Replaced Struts framework code with Spring MVC and Bootstrap and replacing terminal emulation system with REST web service calls.
* Modernized PrimeFaces version to remove security vulnerabilities
* Created system to generate internal documents and trace through all questions in large decision tree.
* Developed on the IRS Online Accounts application allowing users to see and pay their accounts.
* Worked with Angular 2, Java, node, PhantomJS and Karma to develop web pages that are held to the strictest possible 508 compliance standards.  Developed Business Objects Enterprise Reports.

## PREVIOUS EXPERIENCE / CONTRACTS

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| **Soft Tech Consulting, Inc. (onsite work for USCIS) Consultant** | **7/2016 – 9/2016** |
| **John Galt Staffing (on site at Harris Corporation) Consultant** | **11/2015 – 7/2016** |
| **Ark NSS, LLC**  **Senior Software Developer** | **02/2015 – 10/2015** |
| **Deutsche Bank Consultant** | **01/2014 – 02/2015** |
| **Library of Congress, Washington DC Developer** | **08/2013 – 12/2013** |
| **IBM/FDIC, Arlington Virginia Consultant** | **04/2013 – 08/2013** |
| **M-Cubed (at US Treasury Department and West Point) User Interface Developer** | **04/2012 – 04/2013** |
| **United States Institute of Peace, Washington DC Solutions Architect / Sr. Program Officer** | **02/2006 – 06/2011** |
| **United States Navy 12/1983 – 12/1989** | |

**Nuclear Reactor Operator on Fast Attack Submarine / Second Class Petty Officer**

**EDUCATION**

* MBA, Global Management, University of Phoenix, Phoenix, AR
* MS, Biophysics and Computational Biology, University of Illinois, Champaign-Urbana, IL
* BS, Biophysics, Graduated summa cum laude, University of Connecticut , Storrs, CT
* Naval Nuclear Power School, ranked third in class, Orlando, FL