

SEAN C. STARKEY

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PDF Resume: <http://www.seanstarkey.com/SeanStarkeyResume.pdf>

Summary of Qualifications:

- Over 25 years of experience in applications development, testing, troubleshooting, and implementation.
- Strong knowledge of technical specifications, workflow development, risk management, and QA.
- In-depth background analyzing business requirements and recommending appropriate technologies.
- Fluent understanding of project management and software development life cycle (SDLC).
- Expert in communication, interpersonal, and organizational skills.
- Proven background leading teams in stressful, deadline-oriented environments.

Technical Skills:

- Languages: C++ (UNIX, Windows, and OS X) [25+ years], Java [15+ years], C (UNIX, Windows, and OS X) [25+ years], Objective C, C#, Lisp, Scripting (Perl, Korn shell, expect, Bourne shell, C-shell)
- Platforms: Linux [25+ years], Windows, Mac OS X, iOS, Android
- Cloud Platforms: AWS
- Web Servers: Tomcat, Glassfish, JBoss, Jetty
- Web Technologies: J2EE, JSP, Web Services (SOAP, REST), Hibernate, GWT, XML, XSLT
- Databases/CMS: PostgreSQL, MySQL, Oracle, Nuxeo
- Source/Build: Git, Subversion, Perforce, ClearCase, CVS, Maven, Bamboo, Ant
- Applications: Jira, Eclipse, Visual Studio, Xcode, VMware

Other Qualifications:

- Github - <https://github.com/SeanStarkey>
- Stack Overflow - <https://stackoverflow.com/users/310068/starkey>

Professional Experience:

- Premiere Global Services (PGI) September 2012 to Present
R&D Software Engineer for Teleconference company.
 - Designed and implemented music streaming server using low level SIP and network libraries.
 - Designed and implemented soft phone connection library in C/C++ on iOS, Android, OS X and Windows.
 - Designed and implemented application using the soft phone connection library using Objective C, C, C++ and Java on iOS, Android, OS X and Windows.
 - Setup build system for the soft phone connection library to build for iOS, Android, OS X and Windows.
 - Created test program on Windows using C# and WFC.
 - Created Windows installation MSI for test program using WiX.
 - Developed WebEx adapter for our soft phone connection library in C#.

- Jeppesen July 2010 to September 2012
Software Engineer Consultant for large aviation company.
 - Involved in long term project using Agile methodologies.
 - Extensive use of Nuxeo Content Management System for data storage.
 - Use of Spring for extensive unit test coverage of code base.
 - Designed and implemented web services using SOAP.
 - Developed integration test frameworks using FitNesse and REST interfaces.
 - Designed and Setup Continuous Integration build system with Maven, Bamboo and Sonar.
 - Developed Web front end using SmartGWT.
 - Designed and implemented report system using XSLT and XSL-FO.
 - Developed specialized GUI components using Java Swing.
 - ITT Systems March 2008 to January 2010
Senior Software Engineer Lead for large defense contractor.
 - Developed processes and documentation for SENSOR project
 - Designed and implemented Communications system to transfer messages from legacy hardware at PARCS to hardware at Cheyenne Mountain
 - Installation of system at PARCS (Cavalier AFB, North Dakota)
 - Software developed on Solaris platform, including C++ executables and Java web pages using Apache Tomcat
 - Hardware design using proprietary hardware
 - Interface to communications hardware (Protogate)
 - Configuresoft June 2006 to December 2007
Software Engineer for a small software company.
 - Developed and maintained ECM UNIX/Linux system including, Red Hat Linux, SUSE Linux, Solaris, HP-UX and AIX.
 - Team lead for Core ECM product.
 - Trained offshore resources on ECM system.
 - Agilent Technologies July 2004 to April 2006
Software Engineer for large test equipment company.
 - Designed and Developed integration between NgN Analysis System (VoIP analyzer) and acceSS7 Analysis System (SS7 analyzer). Development included a Solaris C++ application and Java GUI modifications communicating with XPCOM using MySQL.
 - Developed SUA protocol analyzer for the NgN Analysis System.
 - Lockheed Martin Management and Data Systems May 2003 to July 2004
Software Engineer Staff for large defense contractor.
 - Developed a Java GUI command and control front end for a simulator of the Space Based Infrared System (SBIRS).
 - Taught internal Java and C++ classes to fellow employees.
 - Reviewed fellow employee's code according to internal process.
 - Established a source control system for the project using CVS.

Education:

- M.S. in Computer Engineering; Colorado Technical University
- B.S. in Electrical Engineering; Washington University in St. Louis
- B.S. in Computer Science; Washington University in St. Louis