

CV John Coleman

Personal Summary

I am a Java specialist with a history of successful business analysis, design and implementation of software, from a background in midrange systems. I also have pre-sales, team leadership and project planning experience and have received a variety of "soft skills" management training. I have a diploma in technical analysis. My 9 years in an international consultancy and interest in psychology and basic training in psychotherapy make me a well rounded person.

I have extensive back-end, front-end and core Java experience. I've worked with a wide variety of presentation technologies. I designed and developed a core Java real-time, low-latency rate manager product to process large volumes of market data concurrently. I have considerable FIX/VeriFIX experience, and I'm experienced in working with a variety of front office trading technologies.

The agile approach has been part of my career with a solid 9 months experience in an intensive test/develop "Agile" (SCRUM) team environment, coupled with some experience of "eXtreme programming".

I am a tenacious and adaptable developer who appreciates adding new technologies to my portfolio. While technology is a passion, I'm also a people person and enjoy working face-to-face with clients and ensuring their needs are understood and expectations met or exceeded. I take pride in building quality software and customer relationships.

Technical Experience

- > Design and Development: n-tier, SOLID, OO/UML, Patterns
- > Core Java: multi-threading, concurrency techniques, IoC/AOP, JNI
- > Frameworks & Libraries: JEE (JSP, JPA, JMS), Struts, Tapestry, Spring, Core/MVC, Xalan, Xerces, Trax, Quartz, Ant, JUnit, AssertJ, Mockito, Cucumber, Selenium, log4j/SLF4J, QuickFIX/J, JMeter, EhCache
- > Build & CI: Maven2/3, Continuum, Apache HTTP, Jenkins, JIRA
- > Front End: HTML, DHTML, JavaScript, Ajax, Swing/AWT, GWT
- > Comms: TCP/IP, UDP, RMI, SOAP, REST
- > Crypto: SSL, Blowfish, digital certificates
- > eCommerce: Hybris Jakarta, Blue Martini
- > Servers: BEA WebLogic 8, Orion, Oracle 8/9iAS, Tomcat, Jetty, Terracotta, JBoss
- > Dbs: Oracle, Microsoft SQL Server, MySQL, PostgreSQL, DB2/400, H2
- > XML technologies: XSL-XSLT, XSD
- > Performance: YourKit, AppPerfect, NetBeans profiler
- > Microsoft: Access/Excel VBA, C#.NET

Barry Patel

Managing Director at ePulse limited and Owner, ePulse Limited

"I found John to be very professional and thorough in the work he did. He understood our requirements quickly and communicated very well throughout the project. I would use John again on this and other projects"

Keith Dauris

IT Trainer, Web and Java Developer

"John worked for me on a fixed term contract preparing and delivering Java training to our graduates. During this time I found him to be very diligent in his work and he took a keen interest in both the delivery of the materials and the progress of the students. John definitely added value to our Academy."

Employment (current)

From June 2009 Freelance IT Consultant trading as Qbyte Consulting

Self Employed Consultant/Java Developer

Feb 2010-Jun 2016 – ePulse Ltd (SME)

ePulse is a London based SaaS vendor offering a complete audit system for trader messaging & compliance. Involved extensively in revising their legacy systems and developing new systems. I have liaised directly with the CTO and MD to develop and implement their business requirements winning repeated business on 6 projects as well as working with their tester.

Project work included; 1) refactoring the message data capture system to incorporate unit and integration tests, replacing JEE+JMS technology with plain sockets interface so improving performance and fault recovery. 2) Reccreating the Audit Manager front-end for compliance users originally based on JSP in Tapestry 5, 3) Adding new features to the GWT based responsive chat application, 4) building both a REST and WebSocket server solutions to support mobile platforms. I assisted the business in acquiring a UX talent and offshore development.

Full SDLC; project planning, technology consultation, technical documentation, design, development, testing, test support, quality assurance, delivery, set-up. Added value to the business with reduced latency, enhanced feedback, thinner technology stack and improved configurability. Eclipse, JEE, Tomcat/Jetty, JPA/JDBC/EclipseLink, JMX, Quartz, SQL Server/Postgres, Jabber (XMPP), JUnit, assertJ, Tapestry5/jQuery, Cucumber, Selenium, REST/REStEasy, HTML/GWT/CSS, JAX-RS, JSON, Jackson, Maven3, JIRA.

Sep-Dec 2015 – RDF Group (SME)

Produced and taught a successful Java training course for an IT solutions provider using Moodle technology and helped interview and select candidates (graduates). Contributed content to and structured the curriculum and then wrote modules covering many aspects of Java Programming and Development based on my 16 years of working with Java.

Topics covered: Basic Java Programming/Syntax, Java Documenting, Eclipse, Source Control (SVN), SOLID, Patterns, Debugging, TDD (JUnit, Mockito), OOP, UML, n-tier architecture, Exception handling, Collections & Generics, I/O & Serialization, Threading, JPA/JDBC, Maven, HTML/CSS, DOM, XML Parsing and transformation, Servlets, JSP, EL, JSTL, Security & Authentication, Spring Core, Spring MVC, JEE/EJB, Tomcat and Glassfish deployment and configuration.

June 2012 - Shape Blue Ltd (SME)

Senior Consultant (short contract – project feasibility)

Based on my professional experience and experience with the product, I advised the business to avoid taking on a problematic software project. This involved visiting the partner site in Santa Clara, CA as part of a 2-man team and reviewing a cloud technology product. (CloudStack, Maven, Eclipse)

Jun 2012 & Jul 2012 - Pete Kawuki (retail trader)

Developed a robust trade reconciliation application using Java Swing and Interactive Brokers TWS. Subsequently rehired for enhancements..

Oct 2011 - Dec 2012 Me Group Global (business venture)

Me Group Global was a business venture specializing in EPOS integration and online marketing. Working in a part time role as the CTO, advising on business and technical challenges. Provided architecture/IT consultancy, recruitment support, and project planning. Building prototype applications using PHP, APE, JavaScript, MySQL and HTML+CSS, C#. EPOS software testing and consultancy for Windows platform.

Feb 2010 - STB Servizi Telematici S.r.l. (SME)

Enhanced my HyperOrderJNI project for a trading software provider. JNI/C++

June 2007 Eurobase International Banking Solutions May 2009
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Senior Java Developer

Eurobase International produces front office FXD dealing/treasury management software with products based on Swing and JEE technologies.

- > Liaise with the Technical Director on corporate architectural direction and in reviewing major technical developments. This involves attending meetings to discuss choice of technologies and how they are applied.
- > Technical Design Authority for the rate manager product. This most recent role involved design with UML, and development as well as code review, and responsibility for code quality and build. The rate manager processes market data in real time, including data cleansing, blending and publishing the derived prices. As well as designing most of the system, and setting up the build environment, I developed a number of the components and unit tests. I also mentored the system test phase, providing support to the business analyst to resolve issues. Technically the system consists of a multi-threaded core Java application that receives and accurately processes prices, along with a number of adapters to connect the system to either our Siena product or to JMS/XML services, and then a Swing interface to control the prices. I also mentored the team, regularly advising the developers on appropriate coding techniques, as well as liaising with the Technical Director, project managers and business analysts.
- > Given overall responsibility for managing the eTrader web based trading product and development team, managing enhancements and suggesting innovative improvements, as well as troubleshooting, insuring performance and providing support in the front office. My primary role after setting up a new Maven build environment for the project was to design and develop enhancements and supply bug fixes, with much time also spent on code quality checking the main developers work. Coding consisted of making changes to JavaScripts, JSPs XSL templates, and server side Java. I also played a large role in analysing the price flow rate to help to establish bottlenecks using http monitoring technology along with log4j.
- > Given responsibility for setting up the company continuous build process using Subversion, Maven2, Apache HTTP and Continuum. This role meant planning and implementing improvements to the build process and ensuring code quality through implementing standard build environments, code reports, implementing continuous code integration.
- > Enhancing the FIX interface based on QuickFIX/J, testing with VeriFIX. Role involved mainly server side Java development using the QuickFIX/J API, for which I have provided patches to fix identified bugs and suggested enhancements to meet client needs. I created a number of VeriFIX test scripts to test the adapter performance and stability. Connectivity 360T, Barx etc.
- > Assist re-architecting of the Swing based trading platform for Maven building. This role involved helping with the migration of the core front office system from a legacy version control and build system, into Subversion and Maven. The primary objective is to split the build into modular project components and create a standard development and build environment. This role involved setting up Subversion and Maven2 build environments with a co-worker, and refactoring Siena code to decompose the software into separate packages, as well as helping to build Maven plugins to tailor the build.
- > Worked with the team to design and specify enhancements to the blotter of the Swing GUI, and then carried out the coding.

- > Support/problem resolution for clients with FIX (onboarding) and web based trading technology. This involved a number of visits to the client to work with their FIX team in developing tests, as well as working on the trading floor to identify and resolve performance issues and bugs. I built a Swing based FIX testing harness that is used routinely by the development and testing team to test messaging problems identified by the client.
- > Assisted with developing Java tests, and interviewing candidates.

May 1998 June 2007	Sopra Steria (<i>International consultancy 10k+ employees</i>)
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Senior Specialist

- > Reverse engineered a highly complex J2EE application in order to provide high level architecture diagrams and design recommendations, as part of ongoing redevelopment process to a distribution system. (Enterprise Architect)
- > Helped to develop J2EE components using BPEL, JAXB and EJB3 to deliver eGov web services. (NetBeans)
- > Developed lightweight servlet application to generate FIX messages to feed into Axway product, as part of MiFID compliance solution for marketing demos.
- > Provided enhancements to a local authority crime analysis system developed using the Tapestry web framework and Oracle.
- > Developed Access/VBA applications for a local authority.
- > Java developer for a small team of specialists writing eCommerce solutions using the Blue Martini Software in small "Agile" teams. (Eclipse)
- > Designed and developed a part catalogue search web application for an engineering parts distributor. JSP/Struts, XSLT, JDBC - MySQL on Tomcat 5.
- > Worked as part of a 20+ man team developing a web application for a national security organisation using "eXtreme Programming" techniques. J2EE with JMS, JSP/Struts and Oracle 9i, deployed to BEA WebLogic 8 on Sun OS and Linux. Data fed via XIB and RMI. (JBuilder X, CruiseControl)
- > Setup, deliver and install APLAWS system with local authority (JBoss).
- > Enhancements to a leading hostelling federation's web site, improving the search engine and adding functionality to a large J2EE architecture based on Hybris Jakarta Software, implemented with Oracle 9iAS/Orion. Involving reverse engineering of undocumented J2EE architecture. Struts, WebChips, EJB2, OpenTravel XML B2B interface over SOAP. (JBuilder8)
- > Designing and developing a web application for a leading beverage firm's pension fund using Tomcat, Axis/SOAP and XSLT. Designed flexible SOAP/XSLT persistence interface using DOM.
- > Designing and developing an expenses system for electronics firm's payroll department utilising Tomcat, Struts and Torque. Input collected in a standalone DHTML browser application with JScript and VBScript, delivered to SQLServer via Java. System delivers email notifications from Quartz Jobs and web app manages approval/payment.
- > Developing and enhancing the credit reference agency interface for the IT services department for a large car manufacturers finance department. Extensive use of XSL transformation techniques in Java with NetBeans and connection to an Oracle database using JDBC with Oracle proprietary data type extensions.
- > Developed JavaScript and DHTML bookstore web application on a CD for an educational book company. This involved creating a search engine reading XML-DOM files, and some order forms to submit to the company via the www.
- > Design and development of various Java packages for a Swing based Fixed Income journaling application for investment bank with remote Oracle servers (JBuilder). Developed an Excel/VBA data capture application to feed the

system, and developed a client certificate secure sign-on interface for the system.

- > Provide consultancy on a variety of topics to other consultants: designing flexible Java architecture utilising core J2EE design patterns, XSL training, Java training, Internet security consultation.
- > Two years work in RPG II/3 and some COBOL/400 for a variety of clients

Aug 1993	<i>Soundcraft Electronics Ltd.</i>
May 1998	

Analyst/Programmer

- > RPG programming and technical consultation.
- > Developed MS Access/VBA application used for PCB fault analysis.

Jul 1989	<i>Victaulic PLC</i>
Jul 1993	

Analyst/programmer

- > RPG system design and development.

Aug 1987	<i>Wilkins Computer Systems Ltd</i>
Aug 1988	

Trainee Programmer/Programmer

- > Work experience in RPGII, part of HND Computer Studies for the then Trent Polytechnic.

Personal

Year of birth 1967
Availability Immediate to 1 week
Rates Typically from £300-500/day
full freelance rates for ad-hoc work P.O.A.
Prior Salary £57.5k (plus basic benefits)
Locality Brighton, East Sussex (flexible-may relocate)
Email John@quivinco.com
Call 07590 055576

Strengths/Weaknesses

Attention to detail, adaptability, resourcefulness, ownership, tenacity and high standards are some of my strengths. I thrive in a structured environment where teamwork, communication, accountability, roles/responsibilities and time are well managed. I do not get on well in environments where people are unaccountable and sometimes I can tend to over-think in my approach.

Education

Sep 1985 - Jul 1989 Nottingham Trent University

HND Computer Studies

Jan 2007 - Apr 2007 The Society of Technical Analysts

Diploma in Technical Analysis

References

For latest client feedback please see my LinkedIn profile
<https://www.linkedin.com/in/john-coleman-822a5b6>

References also available on request.

Training & Awards

Sun Certified Programmer for The Java 2 Platform

The Essentials of Psychosynthesis Training (Psychosynthesis & Education Trust)

The New Warrior Training Adventure (The ManKind Project UK)

Management skills training: presentation, coaching, delegation, motivation & development, dealing with difficult people

I.A.M., Certificate in advanced motorcycling

Dip. Massage Therapy

Interests

Trading/Spread Betting, economics, health and fitness.

I'm a hobby trader, qualified stock chart analyst and trading system developer. Develops various trading applications using Swing, C, C#.NET and NeuroShell Trader, with a particular interest in statistical techniques based on Market Profile.

I operate an Ubuntu VPS server for my own projects, so I'm familiar with PuTTY, WinSCP and other aspects of working with Linux.

PROFICIENCY PROFILE TM



Assessment Result for: **John Coleman**

Date: **20/07/2016**

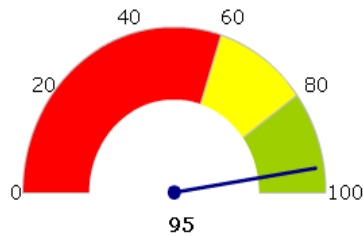
Subject: **JAVA 7 PROGRAMMING (JAVA SE 7) - Remote**

Client: **TEKsystems Inc. (UK)**

This assessment was self-administered and not taken under supervised conditions.

Score: 95

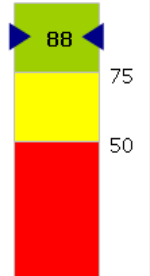
Strong 80-100
Proficient 60-79
Weak 1-59



John has achieved an overall score of 95 across all sub-skills in this subject.

Percentile: 88%

Top 25%
Above Average
Bottom Half



John has scored higher than 88% of all test takers in this subject.

Subject Analysis:

Sub-Skills	Weak	Proficient	Strong
Assignment			
Concurrency			
Declarations			
Operators			
Flow Control			
Java Classes			
Access Modifiers			
Java Program Construction			
Class and Interface Usage			
Exception Handling			
Object Orientation in Java			
Java Memory Management			
Java I/O			
Compilation and Deployment			
Generics and Collections			
Strings, Formatting and Parsing			
Internationalization			