

CV John Coleman, MSTA

Personal Summary

John is a Java specialist with a history of successful business analysis, design and implementation of software, from a background in midrange systems, and then in Java. He also has some pre-sales, team leadership and project planning experience and has received a variety of “soft skills” management training, and he holds a diploma in technical analysis. He now manages his own company.

He has designed and developed a core Java real-time rate manager product to process large volumes of market data concurrently. He also has considerable FIX/VeriFIX experience, and is experienced in working with a variety of front office trading technologies. He has a long history of web application development.

He has 9 months experience in an intensive test/develop “Agile” (SCRUM) team environment, and also has some experience of “eXtreme programming”.

As a hobby trader, qualified stock chart analyst and trading system developer, he has an active interest in financial speculation.

Experience Summary

- Design and Development: n-tier, OO/UML, JSP, Servlets, Struts, Tapestry, JEE, HTML, DHTML, JavaScript, Ajax, Swing/AWT
- Core Java: multi-threading, concurrency techniques, IoC/AOP, JNI
- Comms: TCP/IP, UDP, RMI, SOAP
- Crypto: SSL, Blowfish, digital certificates
- eCommerce: Hybris Jakarta, Blue Martini
- Servers: BEA WebLogic 8, Orion, Oracle 8/9iAS, Tomcat, Jetty, Terracotta
- XML technologies: XSL-XSLT, XSD
- Libraries: Spring DI, Xalan, Xerces, Trax, Quartz, Ant, Maven, JUnit, loggers, HiveMind, JGroups, JFree Chart, QuickFIX/J, JMeter, EhCache
- Microsoft: Access/Excel VBA, C#.NET

Employment (current)

June 2009 [QUIVINCO Ltd.](#)

Managing Director

QUIVINCO Ltd. is John's own company which he set up in June 2009. The company is engaged primarily in research and development of trading systems and trading tools. Trading system research and development in NeuroShell Trader is ongoing. The company has developed a number of tools to assist with research including a Monte Carlo simulation product to assess trading system performance and a data cleanse product for NeuroShell Trader. The company is also developing the collaborative risk management product “CoDesk” envisaged for Towler Capital. Technologies: C (algorithms), C#/Java (tools/middleware), OpenMP.

Employment (previous)

May 2009 Towler Capital
June 2009

Business Partner/Consultant

Towler Capital Ltd is a prop trading firm start-up aimed at would-be retail traders. An application was required to centrally manage risk for positions of all the traders. Assisted business to design and then develop a risk management desktop application. Technologies: Swing, Terracotta, Hibernate and JavaDB.

June 2007 Eurobase International Banking Solutions May 2009
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Senior Java Developer

Eurobase International produces leading-edge front office dealing software with 2 product streams 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 mentor 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 devising and developing the corporation's new software production line using Subversion, Maven2 and Continuum. This role meant planning and implementing improvements to the build process and ensuring code quality through implementing standard build environments, code reports, and implementing continuous code integration. My main activities were research and development of feasibility projects.
- 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 rearchitecting 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 Sopra Newell & Budge June 2007

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)
- 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, EJB, 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. Sytem 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 **Soundcraft Electronics Ltd.**
May 1998

Analyst/Programmer

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

Jul 1989 **Victaulic PLC**
Jul 1993

Analyst/programmer

- RPG system design and development.

Aug 1987 **Wilkins Computer Systems Ltd**
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 for short term contracts
Expected Salary Negotiable circa £400/day
Prior Salary £57.5k (plus basic benefits)
Locality West Sussex
Email John@quivinco.com

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 just left to get on and I sometimes manifest a perfectionist attitude.

Personality Type

INTJ

Education

Sep 1985 - Jul 1989 Nottingham Trent University
HND Computer Studies
Jan – Apr 2007 The Society of Technical Analysts (<http://www.sta-uk.org>)
Diploma in Technical Analysis

References

Business reference(s) to be advised upon successful interview.

Awards etc.

Sun Certified Programmer for The Java 2 Platform

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

I.A.M., Certificate in advanced motorcycling

Certified basic first aid

Interests

Trading, ecology, massage, health and fitness.

Develops various trading applications using Swing, C, C#.NET and NeuroShell Trader, with a particular interest in statistical techniques based on Market Profile.