

# Jonathan Tullett

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**Driving Licence:** Full

## Personal Statement

After years of working on a variety of High Frequency Trading and Prime Finance platforms, in 2011 I incorporated DDA Systems and now solely provide consultation, development, networking and systems administration services to select clients.

My ability to see the big picture as well as understand the nuances of technical implementations places me in a unique and excellent position to troubleshoot and problem solve complex issues rapidly.

## Technical Skills

**Operating Systems:** Linux (CentOS, Debian, Redhat, Ubuntu), Mac OS X.

**RDBMS:** MySQL 5.0 Certified, PostgreSQL, MSSQL.

**Languages:** Bash, Java, Perl, PHP, Python, Scala.

**Financial Platforms:** FIX, Interactive Data, Magic, RTS, Speedway/Photon, SRTech, Wombat.

## Professional Accreditations

- MySQL 5.0 CMDBA, September 2006.
- FWB Exchange Trader (Xetra), July 2009.

## Career History

**DDA Systems Ltd.**  
**Managing Director**

**December 2000 to present.**

DDA Systems is a boutique technology solutions company, providing efficient and functional solutions to interesting problems.

A selection of projects we've been involved in include:

- Development of a layer to convert Interactive Data's Comstock Token Format (CTF) to legacy 'Bate' format, allowing integration of US Equities data into a client's existing bate-only market data distribution platform.
- Design, development and deployment of video-on-press release service for a major UK release distribution service.
- Redevelopment of the search engine for Daryl Willcox Publishing's FeaturesExec+ product, reducing search times by 99.997%, on average.
- Design, build and deployment of High-Availability services for Blue Barracuda.
- Development of Vector EPS output module for MoneyAM.com's charting service.

**SAC Global Investors.**  
**Quantitative Engineer**

**June 2010 to December 2010.**

SAC Global Investors is the European subsidiary of the US based SAC Capital hedge fund. I joined the London offices to run high frequency trade support.

- Took ownership of all the European high frequency trading platforms; quickly established close working relationships with brokers and network providers enabling fast production issue identification and resolution.
- Worked with the portfolio managers to migrate their trading platforms to the latest iteration of the

- company's proprietary 'Ohms' platform, within pre-defined time frames.
- Systematically identified areas for improvement, e.g. lack of common toolset for the support team to use; framework upon which to build a toolset; lack of audit trail on config file changes. Designed, developed and seamlessly implemented these tools and changes into the existing production environment.
- Managed fast, efficient, error-free system migration to lower-latency broker-execution platforms, resulting in at least 2-3ms latency reductions in round-trip-time.
- Designed, developed and implemented high-speed Java XML market data feed handler for EBS Ai, allowing the data to integrate into one team's high frequency FX trading platform.
- Efficiently coordinated the five teams involved in the provision, build-out and network configuration of the company's exchange co-located strategies.

**RGM Advisors UK Ltd.**

**Trading Systems Technical Lead**

**November 2006 to June 2010.**

RGM Advisors is a proprietary trading firm that applies scientific methods and computing power to trading in multiple asset classes around the world.

- Tech team lead of four Trading Operation Specialists in London.
- Designed, configured and built out RGM's first three European exchange trading platforms.
- Provided expert troubleshooting and problem resolution on issues where no root cause could be previously identified.
- Regularly identified areas for improvement and developed the most appropriate solution. e.g. built standard framework for monitoring and alerting on time-series data; built a Python jabber bot for the company's Instant Message network for real-time alert communication of system issues.
- Developed a console based application to provide up to the second insight onto the FX trading platforms.
- Worked with development, research and network teams to test and keep abreast of new, upcoming technologies which may improve the company's edge.
- Provided second line risk management support; applying market knowledge and business understanding to minimise risk during unnatural events when Market Managers were not available.
- Worked with Compliance to ensure London adhered to all regulations and responsibilities under the exchange membership agreements.

**MoneyAM Ltd.**

**Systems Administrator / IT Manager**

**October 2002 to November 2006.**

MoneyAM provides London Stock Exchange market data to private investors, and via white label solutions to companies worldwide.

- Responsibility for design, implementation and deployment of high availability system and network architecture using MySQL, PHP and Resin/JBoss J2EE application servers.
- Obtained Provider Independent (PI) space from RIPE allowing portability between network providers.
- Responsible for the introduction of formal test and release procedures.

**ADVFN.com PLC.**

**Lead Systems Administrator**

**December 2000 to October 2002.**

ADVFN provide world-wide market data to private investors. I led the team supporting the development and production platforms serving millions of pages daily.

## References

References can be provided upon request. Recommendations can be viewed on my LinkedIn profile at <http://jonathantullett.com/>