

# John Jacob

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## Contact Details

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## Professional Profile

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- An accomplished Consultant Developer with a wide range of technical and business experience as a Project Manager, Systems Analyst & Designer, Facilitator; Technical Co-ordinator and Programmer
- Experience of working closely with stakeholders, helping to steer end-users towards successful solutions
- Well developed background of working in a range of business environments, from major UK clearing banks through to specialised business units such as actuarial and statistical teams
- Managed small teams and larger projects across several business areas including financial markets and FX; Health Insurance; Actuarial; Airline route costing and forecasting; Statistical analysis; Accounting and Manufacturing

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## Technical Skills

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Methods: RAD methods, DSDM, eXtreme Programming (XP); Traditional SSADM, PRISM  
Platforms: Mainframe; Windows PC; Internet; Intranet; Web  
Software: MS Office, Excel, Word, Access, PowerPoint,  
Languages: Dyalog, APL, HTML, XML, CSS, Visual Studio, VBA, RDBMS, ODBC, Apache, PHP, MySQL, SQL, J++, Java, C#, SAS, Novell NetWare 3.12, MVS/TSO, ISPF, VM/CMS, REXX, EXEC2

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## Education

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### London Metropolitan University

MSc in Financial Markets with Information Systems

- Risk Hedging and Financial Instruments; Structured Products; Financial Derivatives

### Compucentre London

Computer Programming (distinction)

### Wells Cathedral School

'A' Levels, Biology, Geology and Chemistry

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## Recent Project History

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### Freelance Consultant

1996 – Present

Successfully planned and executed numerous projects for a variety of clients delivering integrated software and solutions on a wide range of platforms.

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### Ashlane Consultants: SID School Information Database

2006

- Lead Developer producing client and server components for a school information application
- Defined and implemented mechanisms to maintain pupil's personal information and educational progress
- Carried out independent research and liaison with educational practitioners
- Wrote front-end client; built the central database and server-side procedures and developed client/server interface
- Wrote procedures to publish HTML output (using CSS) via the internet

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### 4xtra Alliance: Derivative pricing tools and structured products

2004 – 2005

- Lead Developer, building a structured product modeller and generic pricing tools for derivative instruments
- Devised and implemented mechanisms to combine predefined instruments into a common portfolio
- Developed a standardised approach to pricing instruments, and mechanisms for defining these instruments
- Wrote the calculation routines; the instrument specification tools; and the interface routines
- Acquired practical experience in implementing mathematical models for pricing and risk analysis into a working application, such as binomial frameworks and other lattice methods

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### Nordea Stockholm: FX Trading migration project

2003 – 2004

- Working as a developer to write data extract routines to produce data from the FX Trading system to be loaded to the Wall Street system
- Produced audit trails and reconciliation tools interfacing to Excel to verify the various data loads
- Working closely with banks traders, back-office personnel and in-house development staff
- Also fulfilled a support role facilitating transfer and reconciliation of data from to Wall Street

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### Nordea Stockholm: Front office CLS trading facilities

2003

- Implemented CLS trading facilities into FX trading system
- Wrote mechanisms for maintaining counterparty data; deal entry mechanisms; and feeds to back office systems
- Worked closely with traders, back office staff and senior management to design, implement and test the system
- Also had a role in contingency planning in this area

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### Nordbanken Stockholm: Daily delivery and pre-settlement risk

2001 – 2002

- Implemented counterparty Daily Delivery and Pre-settlement risk analysis of FX trading books
- Developed mechanisms to calculate overall exposure in real-time for both historical and intra-day trading activity
- Also developed routines to generate data transfers to Excel for the use of front office traders

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### Reuters London: Interactive documentation for RDS

2001

- Consultant, designed and produced documentation and code analysis tools to support in-house developers working on the Reuters RDS System
- Worked with in-house staff to define an effective means of delivering information on the internal system structure
- Wrote tools to analyse the system structure and automatically generate interlinked HTML documents from the system source code

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### British Airways: Transfer of development skills

2000

- Consultant running a DSDM project for transferring skills from external consultants to internal developers for airline route revenue, cost analysis and forecasting systems
- Planned and facilitated a series of workshops to transfer skills and knowledge of the applications to internal staff
- Working closely with permanent and contract staff to develop suitable methods for disseminating information

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### British Airways: Application migration

1999

- Consultant running a DSDM project to develop a strategic approach to migrating from a VM/CMS Mainframe platform to a LAN platform
- Planned and facilitated a series of workshops involving end-users and technical support staff to identify the major components and the changes required to achieve an incremental move from one platform to the other

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### Nordbanken Stockholm: Multi-site rollout of trading system

1999

- Consultant developer, providing resource in support for a Y2K compliance project on FX trading system
- Following the successful outcome of this project, took a lead role in rollout of a multi-site implementation of the 4xtra Trading system across Sweden
- Dealing with technical issues and facilitating end-user training for the traders, mid-office and back-office staff

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### British Airways: Audit trail for cost analysis

1997 – 1998

- Consultant and Developer, implementing facilities to produce an audit trail for revenue/cost analysis and forecasting systems
- Produced interactive tools to support and document procedures for analysing and forecasting revenue and costs

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### Interests and past-times

- Natural history; fossil hunting; geology
- Motorcycle touring

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### References

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Available on request.