

## John Lovely

### Xentec Ltd

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#### Personal details

Nationality: British

#### Education

1<sup>st</sup> Class Degree – Mathematics, Imperial College, London University 1967 – 1970

PhD – Applied Mathematics, Imperial College, University of London & University of Cambridge

1970 – 1974

#### Countries of work experience

Botswana, Eritrea, F.Y.R.O Macedonia, Romania, Sri Lanka, U.K., Ukraine

#### Employment history

1982 - date

*Xentec Ltd, Newcastle, England*

*Managing Director*

#### Position held and description of duties

**2010 - 2011. Botswana:** Team Leader/EMIS Consultant assisting the Tertiary Education Council of Botswana with the development and implementation of the Tertiary Education Management Information System (TEMIS).

**2009 – 2010. Ukraine:** EMIS Consultant for Development of the Requirements for the Education Management Information System (EMIS) for the Ministry of Education and Science of Ukraine. In collaboration with a local team, this component of a World Bank project involves development of a starting requirement; specification of functional and data models and non-functional requirements; and synthesis EMIS Technical Requirement, presented in a final report.

**2008 – ongoing. Eritrea:** Sole EMIS Consultant for EC Support to Education Sector Development Project for the Ministry of Education and Science of Eritrea. In collaboration with many other international education consultants. This component of an EU project involves the development of a user requirement; specification of functional and data models and non-functional requirements; later stages will involve assisting with the evaluation of bids and the procurement process; management of the system acceptance process and assistance with data conversion and system roll out. There is also the responsibility of defining a rich array of Performance Indicators, including those relating to finance.

**2007. Sri Lanka:** Higher Educational Management Information System Consultant. Working with other international consultants, responsible for the development of a Functional Specification and World Bank Procurement documents (Computer Organization and Architecture; Data Structures and

Algorithms; Management Support System; Data Analysis).

**2006 – 2007. Macedonia:** Educational Management Information System Consultant. Working with a local EMIS Team, responsible for the development of a Functional Specification and World Bank Procurement documents. Also responsible for the identification of source data. Introduced a Data Interchange Agreement. Defined the role of the EMIS Bureau – the owners of the EMIS System. (Computer Organization and Architecture; Data Structures and Algorithms; Management Support System; Data Analysis)

**1998 – to date. UK:** Systems Analyst. Specification of several medical audit software packages. Management of a team of programmers for implementation. Director level responsibility for sales and marketing. (Modelling & Simulation; Data Structures and Algorithms; Data Analysis; Interpretation and Presentation)

**1983 - 1992. Sheffield, UK:** IT Development & Support. Responsible for the full life cycle of a software development project – analysis design, development (team of programmers), implementation and support. This system supported the UK Government Youth Opportunities Program, later renamed to Youth Training Scheme. (Data Communication; Computer Organization and Architecture; Operating Systems; Data Structures and Algorithms; Data Analysis)

**1995 - 2000. Romania:** Educational Management Information System Consultant. One of a team of two responsible for the establishment of a Data Interchange Agreement for data flows within the pre-University Education System. Also responsible for the development of a Functional Specification. This FS was eventually incorporated into a World Bank Procurement document, which was successfully completed. (Computer Organization and Architecture; Data Structures and Algorithms; Management Support System; Data Analysis)

**1999 - 2000. Botswana:** Educational Management Information System Consultant. Solely responsible for the specification of a distributed computer system to manage the usage of Education Resource Centres within the primary education sector. (Management Support System; Data Analysis; Interpretation and Presentation)

**1999 - 2000. Newcastle, England:** Business Systems Consultant. Solely responsible for the specification of an Executive Information System for use by this multinational pharmaceuticals company. Also responsible for overseeing the creation of two pilots, in order to allow the derivation of detailed user requirements. (Data Structures and Algorithms; Management Support System; Interpretation and Presentation)

1977-1982

*London University Computer Services*

*Technical Support Officer*

Position held and description of duties

Software development

User facing technical support

1975-1977

*CA Parsons, Newcastle, England*

*Engineering Mathematician*

Position held and description of duties

Developing mathematical models of fluid flow & associated software

Languages

English:

Mother tongue

French:

Fair

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