

# Nick Hindle

## Lead Information Architect

### Overview - Section

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#### Nicholas John Hindle, Lead Information Architect

I am a consultant with 27 years' experience, specialising in Data Architectures, with a successful track record of designing and implementing enterprise-scale data and solution architectures.

Using a combination of conceptual architecture design and practical delivery abilities, major successes have been achieved in data-system design and delivery for a number of blue-chip corporations. My roles typically involve innovative design of critical system data architectures, from master data management through enterprise, conceptual and logical database modelling leading to effective, high-availability physical database solutions.

I have a successful and proven track record of delivering corporate **data and solution architectures** in the **Utilities, Finance, Insurance, Telecoms, Retail, and Health-care** industries.

### Engagement Experience - Section

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#### Lead Data Architect and Design Authority at National Grid

- Stakeholder engagement to develop & deliver Information Management strategy for real time data
- Establishment of Data Architecture function to deliver corporate data improvement initiatives
- Development of data blueprint to deliver data governance, data quality, MDM and BI & analytics
- Creation and delivery of enduring activities using time critical data in a highly regulated organisation
- Leading business & data analysis to develop efficient business processes and integrated data solutions
- Development of business facing data models to provide transparent linkage between business and IT

#### Chief Data Architect at IBM

- Lead architect on a mobile money transfer system for 30 million mobile global subscribers
- Capability lead for database solutions and architectures, leading a team of 15 architects
- Ensuring financial integrity of daily transaction values exceeding \$1bn every 24 hours
- Influenced senior management in proposing data architectures and related solutions
- Ensured legal and regulatory compliance for a solution processing 35% of the Kenya GDP
- Responsible and accountable for all technical and architectural decisions

#### Lead Data Architect at Tesco Plc

- Led the design of system and database solutions for a new non-food online store
- Designed and delivered the home shopping "Picking control system" using Agile methodologies
- Delivered "right first time" solution in terms of functionality, reliability and performance
- Designed and implemented effective performance test strategies
- Engaged senior executives on business problem to technical direction mapping
- Ensured performance capability by managing effective performance testing
- Managed database and solution specialists

### **Lead Database Architect at a Atos**

- Led database solution design and implementation for an healthcare patient administration system
- Specialised in data quality and accuracy to facilitate trust with senior management
- Implemented a database application performance programme
- Led a working party to ensure system data security met government standards

### **Database Architect at a Primus Telecoms**

- Designed and implemented a high volume (per-second) billing BI solution
- Implemented a real-time cross platform migration (Unix to Wintel) solutions
- Produced data cleansing and validation routines and processes
- Daily liason with board members on business to technical translation

**Earlier roles included Systems Analyst in the Insurance Industry and an Information Technology lecturer.**

## **Education - Section**

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- Masters' Degree in Computing for Commerce and Industry at **Open University of Great Britain**
  - Specialising in Constraint Programming
- Post-graduate Diploma in Computing
  - Specialising in Advanced Database Technologies and Java Programming for Networks
- 'A' Levels in Biology and General Studies
- 7 'O' levels including English and Mathematics

## **Technology Competencies - Section**

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- Conceptual, Logical and Physical data modelling
- Structured and un-structured data interchange and integration
- Programming experience in C, C++, C#, Java, Javascript
- XML (definition, persistence, interchange)
- Component and Operational Modelling
- Data storage / provisioning, RAID specification, disk alignment, striping and data file migration
- High level design of master data management systems and SOA integration
- Low level application design of data management components and data transfer mechanisms
- Expert knowledge of disaster recovery mechanisms and risk assessment
- Extensive experience in managing, processing and handling high volume unstructured data

## **Professional Membership**

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- A British Computer Society Chartered IT professional