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## Curriculum Vitae

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### Andrew Doble



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**Birth date** 09.01.1956 in Swindon, UK

**Education** B.Sc. Electrical & Electronic Engineering, 1978  
M.Sc. Systems Engineering, 1980 (part time study)  
University of Surrey, UK

**Languages** German (fluent), English (native speaker)

**Professional experience**

**Company** **CSC Deutschland Solutions GmbH, Germany**

**Employment period** 04/1990 to present

**Current Roles** **Principal Enterprise Architect / Global Product Lead Digital Strategy**

Global lead for CSC offering in the area of digital strategy and governance. Development of CSC point of view around digital transformation, coordination of product development and business case, development of business and technical frameworks as well as maturity models to guide clients in their digital transformation initiatives. Business development in the area of digital transformation.

Currently member of the IT Advisory group. Consultancy to major companies in Digital Strategy, IT Advisory, Enterprise Architecture and Service Orientated Architecture. My focus has been on specifying IT enterprise architectures within a strategic business context to ensure that both business and technology goals are met.

Member of the leadership team of the CSC global Architecture and Engineering Community (AEC) and lead of the CSC global working group "Architecture Best Practices" with a focus on reference architectures. Instructor for the CSC Architecture Best Practices course for senior architects.

Leading Architect for a wide range of projects developing IT-Solutions using modern technologies for major companies with responsibility for ensuring that the solution is fit for purpose.

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### Professional experience

Previous projects and roles include:

- Management of the competency group "Enterprise Architecture Management" with a focus on consultancy in enterprise architecture, SOA, cloud computing (PaaS, SaaS), architecture management and solution architecture.
- Architecture Head for Central Region Financial Services with the goal of thematic and personnel development (e.g. architect assessments) in and around architecture.
- Consultancy to a major telecommunications company. Led the development as well as actively contributed to an enterprise wide business information model for the BSS functionality. This was designed to cater not only for the current needs of the client, but also to be flexible enough to handle future requirements. In addition developed a canonical information model (based on the business information model) that defined the enterprise wide messaging for a new build of the BSS functionality using a SOA based approach. Coached the architecture team in the usage of the model.
- Lead of the CSC global working group "Architecture Best Practices" with a focus on reference architectures. Development of a common architecture framework to describe reference architectures.
- Development of a fast algorithm to match patient stem cells with those in blood banks worldwide. The algorithm forms the basis of a commercial SaaS offering and was designed to take into account modern computing techniques. Verification was carried out with various subject matter experts in the medical profession.
- Consultancy to a major insurance firm in the establishment of a SOA competency centre including definition of the SOA governance processes and organisation.
- Building capability in service-oriented architecture (SOA) for a major outsourcing client including managing the transformation in skills, organisation and development processes.
- Consultancy to a major automobile component manufacturer in migration to a process and service oriented architecture (based on SAP Enterprise SOA) and development of a transition roadmap.
- Consultancy to a financial institution in enterprise complexity management and the introduction of new technology (SOA) to a fragmented application landscape.
- Conducting various workshops for clients on where and how SOA and BPM can be applied.
- Architecting a mobile internet system for a mobile operator using SOA principles and J2EE technology.

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- Major bid for an airline loyalty program in partnership with a major telecommunications firm. Innovative application of telecommunication billing systems to loyalty programs as well as EAI technology.
- Development of demonstrations of CSC's enterprise architecture framework in partnership with leading technology providers. This included portal as well as process orchestration technology.
- Consultancy in the conceptual design and feasibility study of the enterprise architecture for a bank. The design was based on a multi-channel and service oriented architecture and catered for the integration with a large number of heterogeneous back-end systems.
- Performance engineering for a high performance logistic system based on J2EE technology. Review of the architecture and the preparation of a performance model based on the required business processes to verify if the client could reach their business performance goals.
- Role of Chief System Architect working for the CSC delivery assurance organisation. Quality assurance of solution architectures and trouble-shooting in projects. Compilation of best practices in producing solution architectures.
- Architecting an internet based disease management system with multi-client ability for a major health insurer using J2EE technology
- Development of an Internet customer portal for a bank using a content management system.
- Architecting a risk management system for real estate for a major German bank. Innovative use of web technology ("web services") to provide a flexible and easy to deploy system. The Java based framework developed in this project was later used in many other projects. I was awarded the CSC Technical Excellence Award in 2000 for my work on this.
- Architecting an internal time recording system for CSC employees. This was an innovations project in that it was one of the first major Java developments in-house using early versions of the Java SDK and Swing GUI library.
- Development of a network documentation system for a mobile telecommunication firm using an innovative model driven approach.
- Consultancy to an insurance firm on the development of application frameworks for distributed systems
- Architecting a billing system for an industry client including the introduction of client-server technology.
- Architecting a call management system for a hi-tech manufacturer.

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### Professional experience

- Company**                    **Alcatel TTG, France**  
04/1988 to 04/1990
- Role**                            Project Leader  
Development of tools and standards in the area of CAD for VLSI.  
Coordination with development groups worldwide.
- Company**                    **Alcatel ESC, UK**  
07/1987 to 03/1988
- Role**                            Principal Engineer  
Conception and development of CAD tools for microchip design.  
Introduction of software engineering practices.
- Company**                    **STC Technology Ltd., UK**  
03/1982 to 06/1987
- Role**                            Senior Research Engineer  
Development of CAD tools for micro-electronics in liaison with  
microchip designers. Development of graphical user interfaces.
- Company**                    **Sperry Gyroscope Ltd., UK**  
1978 to 02/1982
- Role**                            Engineer  
Design of avionics computers.
- Company**                    **Ferranti Ltd., UK**  
1976 to 1977
- Role**                            Student Engineer  
Assistance with the design and development of Europe's first 16-bit  
microprocessor.
- Blog**                            <http://andrewdoble.blogspot.de/>