

Address: [REDACTED]

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## PROFILE

[REDACTED] is a highly motivated Solutions Architect with over 16 years' experience (11 years' at BAE Systems and 5 years' in the Consulting sector). He is an effective team leader with strong analytical skills, deep technical aptitude, cross-industry knowledge and commitment to continuous learning. [REDACTED] has a proven track record as an architect with a focus on designing and delivering technical solutions to support the business, in tight deadlines, within budget and cost constraints. He communicates effectively with all levels of senior stakeholders: clients, suppliers and internal management. [REDACTED] is experienced in managing distributed teams utilising both onshore and offshore resources across the full project lifecycle.

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## KEY SKILLS

- Solution Architecture (TOGAF)
- Service Management (ITIL v3)
- Information Security (CISMP)
- IT Governance
- IT Infrastructure
- Integration

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## ACCREDITATION

- ITIL v3 Foundation and ITIL v3 Planning Protection & Optimisation
- ISEB Certificate in Information Security Management Principles (CISMP)
- TOGAF 9 Certified

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## EDUCATION & QUALIFICATIONS

- 1990 – 1994 Bournemouth University BSc (Hons) Information Systems Management

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## SECURITY VETTING

- Security Clearance: SC will expire on 27/02/2023

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## EMPLOYMENT EXPERIENCE

**BAE Systems Plc** System Architect

**September 2005 – Present**

BAE Systems is the largest defence company in Europe, engaged in the development, delivery and implementation of advanced defence and aerospace systems. Whilst working for BAE Systems, [REDACTED] has led teams on customer facing projects like Digital Rail, SALAM, ALIS F35 and RAF ATTAC. [REDACTED] has extensive experience in working on all phases of projects lifecycle from bid work through to design, implementation and support.

### *Digital Railway (DR) – System Architect*

Delivering the DR Outline Business Case to the Department for Transport in 2016 for incorporation into the Control Period 6 (CP6) Initial Industry Plan (IIP), as well as defining and developing the digital railway system of systems (SoS). As part of Digital Railway System of Systems work, assessing current industry capabilities to identify strengths and areas for improvement, and inform transition states to final target state team. [REDACTED] achievements as System Architect include:

- Develop System Engineering Management Plan (SEMP) based on ISO/IEEE 15288:2015 and Network rail best practices.
- Define and shape the key report to capture the 'as is' capability assessment and in-flight programmes and projects.
- Review in-flight Programmes and Projects to identify gaps, overlaps, and synergies.
- Provide an independent analysis of the existing 'as-is' capabilities within the GB rail industry.
- Develop and model key scenarios to support the target state CONOPS.

## ***SALAM Program – Solution Architect***

primary responsibilities were to define IT solution that adhere to customer requirements, utilising existing BAE architecture building blocks to support the Typhoons aircraft maintenance and supply chain capability and define supporting IT infrastructure. This included delivering customer based local networks and infrastructure services, trusted zones and connectivity between BAE Systems and the customer, adhering to policies and standards. achievements as Solution Architect include:

- Defining and implementing a project framework to support internal and external suppliers deliver IT solutions, reducing rework and improving delivery time.
- Defining solution patterns and principals, to ensure services are delivered to a high standard.
- Defining overall solution architecture.
- Delivery of IT infrastructure and functional solutions to budget and on time, in a very challenging environment.

### **Key Responsibilities:**

- Deliver IT Solution designs to support customer non-functional and functional requirements.
- Undertaking design review assessments of supplier detailed solutions to ensure systems functionality are delivery align to business requirements.
- Undertake a Trusted Advisory role to the customer to help shape and define product/infrastructure roadmap of capability to be delivered.
- Deliver proof of concepts and product assessments with a view to undertaking impact assessment on the service design, service delivery and operation.
- Manage geographically distributed teams across different projects; overseeing the implementation of IT capability, ensuring integration with systems is seamless managed and executed.
- Delivery virtualisation approach for existing key infrastructure services (AD, DNS, Exchange, SCCM, File and Print), to support the virtualisation of the estate.
- Work with key stakeholders to deliver a business case for implementation for a collaboration solution.

## ***Solution Development Facility (SDF) - Technical Authority***

primary role was to ensure that systems are delivered within the Technology policy defined by both the Chief and Enterprise Architect and to ensure SLA thresholds are met.

achievements as Technical Authority for the SDF include:

- Defining and implementing environment framework to support the development of capability and the delivery of web enabled capability to customers.
- Simplifying the capability technology stack, moving from a 'stove pipe' to an n-tier architecture including a shared services concept.
- Reducing the through-life support cost for capabilities delivered within the Hosting environment.

### **Key responsibilities:**

- Define and manage the architecture strategies, policies, standards and procedures.
- Authority signatory of the Logical Technical Design, Physical Technology model and Logical Application Model for the environments.
- Technical Design assessor and authority for new capability which is to be implemented in the hosting environment.
- Facilitation of business and technical workshops to define and prioritise functional issues and enhancements, capture requirements and drive solution design.
- Supporting the corporate Security group in achieving GSO accreditation of the environments.
- Shaping and defining product/infrastructure roadmap of capability to be delivered.
- Manage geographically distributed teams across different projects.

- Managing multiple suppliers.
- Attend and advise on the Change Control Board meetings.
- Attend the JAG (Joint Architect Group) sessions as and when required.
- Undertaking Product assessments and Proof of Concepts to support development of the Product portfolio.
- Work with other technical authorities and key stakeholders to ensure that the capability road map is in line with their commitments.
- Oversee the implementation and execution of the capability to the customer in the hosting environments.

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### **KPMG Consulting – Consultant**

*October 2000- August 2005*

While at KPMG Consulting, █████ worked within the ICE (Internet, Communications & Entertainment) Group. █████ gained significant experience in software/systems architecture (OSS/BSS/EAI), design & strategy, systems engineering, configuration and implementation. █████ worked extensively on rollouts of web enabled and middleware services and acquired broad range of experience as a Technical Consultant working on Enterprise systems architecture.

### **Rural Payment Agency (RPA) - Integration Architect**

Working in the capacity of a technical architect and a team lead, █████ was involved in shaping the RPA integration strategy and defined the end to end system integration design. As a team lead █████ provided technical expertise and ensured that the project group adhered to best practices and development standards.

█████ main achievements include:

- Leading a team of 5 developers.
- Defining quality assurance.
- Providing technical expertise, best practices and development standards.
- Assisted in shaping and formulating the RPA integration strategy.
- Responsible for identifying and designing standardised EAI processes for reusability.
- Formulating design of the end-to-end system integration development.
- Deliver impact assessments as and when requested by the client. This often involved assessing the requirements and agreeing on a solution with other parties.

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### **Dell Computer Corporation - Analyst / Programmer**

*April 1997- September 2000*

At Dell EMEA █████ worked within the eCommerce Group, working extensively on development and delivery of web enabled and middleware services where █████ acquired a broad range of experience as analyst/programmer working on B2B and B2C ecommerce. █████ gained significant experience in software/systems architecture, design, systems engineering, configuration and implementation.

### **Key project Alchemy (Dell European Online store)**

#### **Achievements:**

- Designed and implemented the European Dell Store database schema.
- Designed and developed a web based tool to populate multi lingual content for the DellStore website.
- Design and developed procedures/scripts to aided the rollout.
- Supporting with the roll out, to the rest of Europe.
- Design and develop order tracker status.

Within six months of launch, the engine allowed Dell to take \$1M per day in revenue online - *every day of the week* - and over \$7M per day within 3 years.