



## SPECIALIST PROFILE

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### Personal Details

<i>Reference:</i>	<b>BC3196</b>
<i>Job Title:</i>	<b>Senior CICS Systems Programmer</b>
<i>IT Experience:</i>	<b>30 years</b>
<i>Qualifications:</i>	<b>ITIL Foundation Certified</b>
<i>Availability:</i>	<b>On request</b>

### Overview

#### *Architecture and Products:*

APPN, CICS, CICS/TS, DFSMS, DOS/VSE, ISPF, ITIL, JES2, MQSERIES, MVS, RACF, SDSF, SMP/E, SNA, SYSPLEX, TCP/IP, TSO/E, VM, WEBSHERE, Z/OS (MVS).

#### *Programming Languages:*

ASSEMBLER, COBOL,

#### *Specialist Experience:*

CICS and z/OS systems programming.  
CICS upgrade and support.  
CICS/TS development and migration.  
CICS to CPSM upgrades.  
Performance and capacity management.  
Parallel Sysplex planning and implementation in a multi-CPU environment.  
Operational procedure specification and implementation.



## Summary

A versatile technical consultant with a wide range of skills and experience gained over 30 years in the computing industry, particularly in mainframe environments. Strong, dynamic team leader with the ability to manage large scale complex projects through to completion. Highly motivated, equally proficient working independently or as a team member. First class design, analytical and problem solving skills, and a can-do attitude with the ability to hit the ground running.

### KEY SKILL AREAS

- CICS Transaction Server
- z/OS base and core products - MVS, JES2, DFSMS, TSO, ISPF, SDSF, SMP/E, etc
- z/OS Communications Server - VTAM, TCP/IP
- Parallel Sysplex technologies
- z/OS Security Server
- Performance management

## Work History

### Bank, UK

Jul 2012 - 2013

#### Technical Consultant

My role is to assist in the exercise of creating and segregating systems and services which are to be part of the bank's divesture, primarily CICS systems servicing SOAP, MQSeries and IWS traffic with DB2 back-end data stores. This involves a good deal of trouble-shooting and problem solving in a very complex transaction processing environment. The high availability configuration of said environment results in a significant amount of component redundancy and interconnection via TCP/IP and SNA. I am also deeply involved in an ongoing project to implement SSL/TLS in CICS client and server environments, taking the lead role in moving this setup into the production environment.

### Bank, UK

Jan 2010 - Oct 2011

#### Technical Consultant

Much of my work has been designing, building and supporting CICSplexes used in trialling and testing the target integrated environment, which is a highly available transaction processing platform utilising Sysplex Distributor and CPSM to intelligently distribute workload across available LPARs and their CICS regions. Testing has consisted of monitoring and analysing CICS performance and behaviour in abnormal scenarios such as removal of a supporting DB2 subsystem, shutdown of a TCP/IP stack, removal of an entire LPAR, transaction flooding and so on. Aside from this integration work I have also participated in a project to convert a significant proportion of the bank's 3500+ CICS regions from CICS TS version 3.1 & 3.2 to version 4.1, implemented full SSL/TLS support in CICS client and server regions, and provided training on CICS system and transaction dump analysis.

### Bank, UK

Feb 2008 - Mar 2009

#### Technical Consultant

My role initially involved an analysis of the existing day-to-day service support structure and requirements for the CICS environment, which was essentially based upon local expertise in the formerly disparate elements of the group. The goal was to propagate these pockets of local knowledge around the entire team, with the eventual aim of providing a single support rota. At the conclusion of my initial contract the first stage of this exercise was complete, with business-hours support being provided via a single point of contact. During this period my execution of the actual mechanics of the support role involved some significant challenges around service level



maintenance, including a detailed deep-level investigation of performance problems in the core Customer Information System application. At the end of the initial fixed length contract I was asked to stay on for a further 3 months in order to play a primary part in the migration of the CICS TS infrastructure from version 2.3 to 3.2, involving some 2300 CICS regions.

**IBM, UK**

**Aug 2006 - Dec 2007**

**Technical Consultant**

As a member of the CICS TS Functional Verification team my role involved testing the code produced by the development teams. Brought in midway through the CICS TS V3.2 development cycle I focused on the new DPL-over-TCP/IP capability, writing in excess of 70 Assembler programs implemented as applications, task-related and global user exit programs. During this time I received an award for valuable contribution to the project. At the request of the development team I provided a code sample which shipped with the product at its general release in mid-2007. The role also involved production and inspection of formal test plans, and investigation of customer-reported faults. After the general release of V3.2 I joined the Architectural Enhancements team, working on such things as 64 bit support and the accompanying z/Architecture linkage conventions for CICS TS V4.1.

**Bank, UK**

**May 2006 - Jul 2006**

**Technical Consultant**

This was a consultant role in an IBM-managed migration of the client's CICS environment to CICS TS V3.1, said environment consisting of over 8000 CICS systems. The extremely large workload and rigorous security controls dictated a scrupulous attention to detail and method of approach in the migration plan, which was part of my remit. The groundwork of the first phase of the project was completed, and approximately 1000 CICS instances were upgraded to CPSM V3.1 during my time with the project team.

**Electronics Distributor, UK**

**1996 - 2006**

**Technical Consultant**

The heterogeneous hardware environment consisted of equipment from IBM, Sun, HP, and Dell. Responsibilities and achievements:

- Proposed and implemented a replacement mainframe processor and software licensing contract which saved the client approximately £500,000 per annum, a 50% cost reduction.
- Investigated irregular disk array response time spikes which the supplier had failed to diagnose, identified problem area, and based on this evidence the supplier amended the arrays' set-up, enabling restoration of transactional sub-second response times to the 98<sup>th</sup> percentile.
- Planning for and participation in a SNA to TCP/IP conversion encompassing 14 UK sites and over 20 associated operating companies around the world.
- Management and implementation of a move from a single OS image to a cohesive multi\_LPAR Sysplex, thereby enhancing systems availability and resilience.
- Implementation of Hipersockets on an IBM z800 processor, reducing inter-LPAR TCP/IP traffic latency by an order of magnitude.



**Retailer, UK**

**1987 - 1996**

**Senior Systems Programmer/Technical Specialist**

The company has a private network servicing nearly 200 stores, supporting CICS, TSO, email and 4680 store systems. Responsibilities and achievements:

- Replacement of DEC computing infrastructure with IBM mainframe technology, with attendant specification and implementation of standards for system and data security, object naming, information lifecycle management, performance management and capacity planning.
- Planning and implementation of initial stages of a multi-CPU parallel Sysplex environment.
- Positioning for and participation in a controlled early release program of DFSMS.
- Creation and implementation of a business continuity plan with IBM Business Recovery Services, including several successful tests.
- Leading and mentoring a team of 4 systems programmers.

**Retailer, UK**

**1983 - 1987**

**Operations Analyst/Systems Programmer/Senior Systems Programmer**

Responsibilities and achievements:

- Participation in conversion from VM & DOS/VSE to MVS, significantly improving systems availability for the business.
- Designation of system standards for the MVS environment.
- Successful conversion from MVS/SP to MVS/XA.

**Manufacturer, USA**

**1980 - 1983**

**Computer Operator/Senior Computer Operator**

- All shifts, single and multiple operator experience.
- Operator training, scheduling and supervision.
- Specification and implementation of operational procedures.

**FORMAL EDUCATION**

Major fields of study included mathematics and physical sciences. A and B grades attained, graduate diploma received in 1972.

**COURSES/QUALIFICATIONS**

- ITIL Foundation certification
- Kepner-Tregoe structured methodologies
- Structured COBOL programming - 450 hours of classroom instruction and practical's
- In excess of 30 courses at various IBM and Circle education centres, covering VM and MVS OS practical's and internals, CICS internals, TCP/IP, SNA APPN implementation, RACF, DFSMS, Assembler language coding, etc.