Profile

Stewart is a highly motivated and dedicated IT professional, with 30 years of experience designing, developing and supporting a large range of mainframe and distributed solutions in both General Insurance and in Life, Pensions and Investments. For the bulk of the last ten years Stewart has specialised in systems integration and in particular the design of Service Oriented Architecture solutions. Now at CGI he has been involved in designing a wide range of solutions for the Scottish Government’s Rural Payments System.

Industry Experience

* General Insurance – underwriting, claims and documentation systems development and deployment.
* Life, Pensions and Investments – policy administration, claims and workflow systems development and deployment. Legacy systems integration.
* Scottish Government Rural Payments

Skills & Competencies

* System development lifecycle
* Configuration management
* Systems integration
* Service Oriented Architecture (SOA)
* Data Modelling
* Systems design
* Systems analysis
* Object oriented design

Career Summary

|  |  |
| --- | --- |
| 2017 to present  2009 to 2017 | **CGI**  **Lloyds Banking Group** |
| 1997 to 2009 | **Scottish Widows** |
| 1987 to 1997 | **General Accident Fire and Life Assurance Corporation** |

Career History

CGI

Jan 2017 – Present Technical Architect Scottish Government ARE programme

Provided detailed architectural documentation supporting the development of the Scottish Government’s agricultural subsidy programme within the Agricultural and Rural Economy Directorate.

* Designed the specific detailed routines to calculate the Pillar 2 agricultural subsidy payments within the Scottish Government’s Rural Payment System (RPS). This involved liaising with the product owners to determine the complex rules to be followed and ensuring they dovetailed into the existing payments framework.
* Analysed and design all the changes required to ensure a smooth transition into 2018 for the AECS and FGS agricultural schemes. Here I worked closely with the product owners and business analyst to define the full list of requirements and detail the necessary changes across the RPS platform.
* Since early 2018 I have lead the team of architects and designers assigned to the RPS platform. This is a team of 11 where I lead the weekly forum of knowledge sharing and provide support and mentoring to the newer members of the team.

Lloyds Banking Group

Jan 2011 – Jan 2017 Senior Subject matter Expert (Service Design) Insurance CIO

Provided detailed SOA service knowledge and consultancy to Enterprise Architecture design solutions, maintain and recommend changes to the Insurance Common Information Model and produce high level and detailed project level service design deliverables.

* Designed a number of services as part of the new Scottish Widows Corporate Pensions Platform. This involved designing ReST services on a new digital platform using Java and NodeJS on partial cloud-hosted infrastructure. All of this was as part of a large co-located team working in an Agile environment.
* Lead a team of service designers to design and specify a large suite of SOA service to enable Lloyds Banking IFA customers to apply for and service the new Scottish Widows Protection products. This included liaising with and coordinating external IFA Portal partners as well as third party software suppliers and in house development teams.
* Designed and specified a large suite of SOA services that allow the Lloyds Internet Banking web-site users to access their Scottish Widows/Clerical Medical/Halifax financial products. This was a high-profile integration project at Lloyds Bank, where my solutions spanned the whole of the deployed infrastructure to allow access to the insurance back-end applications from the internet.
* Designed and specified a suite of SOA services that interfaced with payment services that complied with the PCI/DSS regulations. This was a sensitive project that had to comply with very tight regulatory timescales. The services combined .Net user interface with the SonicMQ ESB and back-end systems across Lloyds Banking Group.

Jan 2009 – Jan 2011 Solution Architect Strategic Change and IT

Influenced and shaped the overall solution of assigned projects, obtaining the required governance sign-off for solutions in line with the agreed project timeline based on the defined business objectives, taking into account the Enterprise Architecture principles and policies and take a lead role in projects, including providing sign-off and approval for detailed design, test strategy and business requirements.

* Designed and directed the implementation of the MyMoneyWorks (MMW) platform that introduced a new customisable portal with a third party provider, which would allow corporate employees access to Scottish Widows investment and savings products and Halifax Share Dealing products. My solution involved integrating the new platform with the Scottish Widows B2B gateway via Origo Standard messaging, through the SONIC MQ/IBM WebSphere ESB layer and onto the appropriate back-end application systems.
* Designed a new AAA security solution on the MMW project which delivered a new single sign-on capability, which employed the SAML v2.0 standard to enable federated identity and access management.
* Took a lead role in the design and implementation of the Scottish Widows HMRC reporting solution. This was a .Net solution which required careful management of development resource across multiple sites as well as liaison with HMRC design staff.
* Planned the deployment and initial integration of the new Sonic MQ ESB at Scottish Widows. This was a strategic message- driven Enterprise Service Bus that replaced the existing IBM/Websphere infrastructure.

Scottish Widows

Jan 2000 – Jan 2009 Workflow Architect IT Department

Provided advice and consultancy on all aspects of the AWD workflow system at Scottish Widows. Also responsible for the daily operational support of AWD.

* Designed and developed a number of JAVA applications using the AWD/NetServer interface, allowing other systems to communicate directly with AWD.
* Project Architect on AWD Overhaul project during 2005 - Defined and implemented the upgrade of the AWD workflow system ensuring the future sustainability of the system.
* Planned and coordinated all AWD monthly implementations since control was transferred to Edinburgh in 2001. This involved coordination across Scottish Widows sites in Edinburgh, Chatham and Andover.
* Managed and resolved reported incidents and problems for AWD including crisis management for level 3 and 4 incidents.
* Managed the relationship with DSTi, the suppliers of AWD, discussing development progress and any ongoing issues with AWD.
* Served as member of the Architect’s Forum Committee, organising and chairing the quarterly Forum meetings.

Apr 1997 – Jan 2000 Lead Developer IT Department

Performed a leading role in Scottish Widows IT developing and delivering quality IT solutions in both traditional mainframe and client/server environments.

* Managed and coordinated the initial implementation of AWD at Scottish Widows in Edinburgh.
* Planned and managed implementations for Scottish Widows Workflow and Image system (FileNet). Including managing the development and delivery of the final “bug-fix” phase from suppliers Phoenix Technology Group in Dublin.
* Performed lead role in migration of RSA business to Scottish Widows, writing, testing and implementing the conversion suite of programs, including the supervision of the other Scottish Widows developers on the project.
* Developed and implemented various solutions on Scottish Widows PAS and Client mainframe systems.

General Accident

Aug 1987 – Apr 1997 Systems Analyst IT Department

Administered and supported development and testing tools in IT department of General Accident in Perth.

* Responsible for the daily administration of ENDEVOR release management software, including design of release environments for new implementation of HUON insurance system.
* Managed the implementation of impact analysis tool – Intersolv’s Workbench – to the IT development department.

Systems Analyst (Database Administration) IT Department

Provided daily support of production SUPRA databases.

Analyst/Programmer IT Department

Designed, developed and implemented numerous personal and commercial insurance solutions for General Accident, including a data archival solution for the POLISY system.

Strathclyde Police

Apr 1985 – Apr 1987 Police Constable Gorbals, Glasgow

Skills & Experience

Business Skills

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| --- | --- |
| Skill | Experience |
| Data Modelling | 6 years |
| Configuration Management | 12 years |
| Pensions | 20 years |
| Life Insurance | 20 years |
| Agile / Collaborative Method | 1 year |
| Legacy Systems Integration | 6 years |
| Release Management | 15 years |
| Requirements Analysis | 30 years |
| Application Design | 25 years |
| Systems Analysis | 25 years |
| Sys. Development Lifecycle | 30 years |

IT Skills

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| --- | --- |
| Skill | Experience |
| Service Oriented Architecture | 6 years |
| Object Oriented Design | 17 years |
| Interface design and development | 10 years |
| Governance | 10 years |
| Rational Solution Architect | 6 years |
| Middleware Technologies | 8 years |
| Workflow and Imaging solutions | 9 years |
| XML | 10 years |
| UML | 6 years |
| Mainframe development | 13 years |

Languages

|  |  |
| --- | --- |
| English | Native |

Qualifications / Affiliations

* CGI Risk and Cost Driven Architecture
* ISEB Intermediate Certificate in Enterprise and Solutions Architecture
* Architecture and Design of Distributed Enterprise Systems
* ITIL Foundation Certificate
* Object Oriented Computing, The Open University