**HAMISH BUCHANAN**

***Solutions Architect***

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**SUMMARY**

A committed Solutions Architect with a wealth of experience implementing and leading large-scale technical projects. Possesses excellent interpersonal and communication skills; confident working with a diverse range of clients and developing positive relationships with stakeholders. Demonstrates a logical and analytical approach to solving complex problems and issues. Enjoys being part of, as well motivating, successful teams of employees, contractors and technical experts, especially when navigating through challenging or highly pressurised projects. Hands-on technical skills with a Java background and self-taught AWS Solutions Architect certification. Enjoys bridging the gap between technology and business.

***Key Qualities***

**Advanced Technical Ability | Innovative and Intuitive | Delivery Focus**

**KEY COMPETENCIES**

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| **Architecture:** | Designing roadmaps, understanding strategy, integration techniques, design patterns, TOGAF certified, AWS Solutions Architect, UML, failover and performance, environment scoping, Cloud technologies. |
| **Technical:** | Java, HTML/CSS, Javascript, XML/XSLT, JSON, REST/RESTful APIs, AWS (EC2, S3, Route53, Lambda, DynamoDB), PHP, Drupal, SQL, MySql, Apache, NGINX, Jira, bash, SVN, Git, Linux. |
| **Interpersonal:** | Communication with non-technical clients and offshore teams; Prince2 Certified, CTC Cleared (Home Office), Ability to prioritise, design, plan and manage complex projects with challenging deadlines. |

**CAREER HISTORY**

**Current Position** Solutions Architect/Designer at SSE (Havant)

Four days after joining SSE it was announced that the Retail Division was being sold to a company based in Bristol.

**Position** Solutions Architect

**Company** 6point6 (based in The Home Office, Croydon)

**Dates** April 2018 to August 2019

Solutions Architect working on a Digital Transformation project replacing a legacy solution with a custom built workflow system for Asylum Claim case working. Responsible for High Level and technical designs as well as integration specifications.

* Lead Solutions Architect for Asylum and Complex Cases. Working closely with BAs and Product Owners through Discovery and System Process design.
* Designing a workflow system with event triggered microservices deployed on AWS.
* Analysing options and presenting to Design Authority; Producing architectural artefacts (Conceptual, Contextual, Integration & Component views); Supporting Delivery and Test teams and troubleshooting issues.

**Position** Solutions Architect

**Company** Kings’ College London

**Dates** May 2017 to April 2018

Solutions Architect responsible for High Level designs and integration approaches for the implementation of cloud based Research solutions. Involved in stakeholder management, technical designs and vendor liaison to ensure successful delivery.

* Architectural Lead for the implementation of a cloud based costing tool. Wrote High Level Design and produced architecture diagrams and supporting material for Design Authority approval.
* Confirmed suitability of products and designs with respect to TOGAF principles, security and Kings’ overall IT vision.
* Involved in stakeholder management for GDPR and DPA requirements around the use of sensitive information.
* Approved Test Plans and coordinated quality assurance efforts for integration testing.
* Technical Coordinator for the implementation of a cloud based laboratory research management tool. Researched and recommended end-user hardware providing options and recommendations for an £800k budget.

**Position** Solutions Architect

**Company** Crawley Borough Council, Crawley

**Dates** February 2015 – April 2017 (extension from 3 month contract)

Established Crawley’s Information Management requirements to store and manage content across the entire Council. Later expanded to a full paperless office strategy.

* Analysing candidate solutions and devised a strategic Roadmap to cost-effectively migrate from existing platforms onto Open Source solutions; Developed prototype and proof of concept applications.
* Produced estimates and project plans for a four-year package of work; instrumental in securing Board Level funding.
* Held workshops and presentation to inform and train users on the new system.
* Documented as-is, target and transition architectures; Identified Risks, Assumptions and Non-Functional Requirements.
* Refactored a custom Case Management solution to a pure Java backend removing dependency on Oracle WebCenter.
* Designed a Drupal based Information Management platform with integration to Business applications.

**Position** Solutions Architect

**Company** Hewlett Packard (HP), London, Dusseldorf & Derby

**Dates** January 2014 – February 2015

Solutions Architecture for large-scale, global portal and website implementations. Responsible for identifying and championing technical solutions, producing estimates, defining project plans and drafting specifications for offshore delivery.

* Directing the technology aspects of a 60+ person project to build a secure customer portal for Rolls Royce; working with off-shore delivery teams, third party suppliers, internal staff and client resources.
* Accountable for redesigning the security integration resulting in significant performance improvements.
* Technical Architect at Vodafone; achieving common designs across disparate implementation teams.
* Working within a multi-skilled Agile SCRUM team; using first-hand expertise and technical competency to provide guidance and backlog refinement sessions as needed.

**Position** Principal Consultant & Oracle Team Lead

**Company** Extended Content Solutions (ECS), Guildford

**Dates** October 2003 – January 2014

Managing the conception, scope definition and end-to-end delivery of all Oracle based Content Management projects. Lead Architect for a number of client engagements covering the design and integration of CMS systems. Motivating and leading a 12-person team and embedding PRINCE2 & DSDM Project controls across the wider organisation.

* Responsible for Pre-sales activities, preparing demonstrations, workshops, presentations and establishing customer requirements for numerous successful bids across many sectors; clients included CCLA, EBRD, New Look, LastMinute.com, Sabre Holdings, Kingfisher/B&Q, Kew Gardens, Octel, Rexam & RNIB.
* Controlling project budgets; managing and mitigating risk across multiple, complex projects. Producing Project Plans and estimates and tracking progress; Managing stakeholders and setting client expectations
* Lead Architect directing a team of 8 on a Portal project for the Financial Services fund manager CCLA; Communicating with clients to determine project requirements, define project plans and technical design.
* Leading a team developing an Intranet and Collaboration toolkit for New Look (including Digital Asset Management) Communicating effectively to understand business requirements and produce a Content Management Roadmap.
* Led the design of a Java based Case Management solution integrated with Oracle WebCenter Content.

**FURTHER CAREER HISTORY**

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| **Software Engineer** | BTLooksmart, London | 2002 – 2003 |
| **Senior Developer** | Barbour-Index, Windsor | 2001 – 2002 |
| **Software Engineer and Team Leader** | Amdocs, Israel & Newbury | 1998 – 2001 |
| **Software Engineer** | EDS, Stockholm, Sweden | 1996 – 1997 |
| **Senior Consultant and Team Leader** | TecnEcon, London | 1993 – 1995 |
| **Graduate Engineer** | Colquhouns, Stevenage & Leeds | 1990 – 1993 |

**EDUCATION AND PROFESSIONAL CERTIFICATION**

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| **MSc Computing for Commerce and Industry, Open University** | 2002 |
| **BEng (Hons) Civil Engineering, Brighton University** | 1990 |
| * Amazon Web Services (AWS) Certified Solutions Architect | 2016 & 2018 |
| * PRINCE 2 Practitioner | 2017 |
| * TOGAF 9.1 Certified | 2016 |
| * Java Certified Developer | 2000 |

**ADDITIONAL INFORMATION**

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| **Interests:** | Contributed questions to the revised AIIM Certified Information Practitioner (CIP) exam. Own websites include one of the world’s largest cactus forums www.cactuseros.com. |