Júlio dos Anjos
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Achieving business outcomes with full validation of customer requirements is the key driver of my approach to service delivery. With over **25 years** as an **information professional**, serving a breadth of sectors including **academic**, **government** and **pharmaceutical**. Developed a wealth of hard and soft skills for data managements, information delivery and knowledge elicitation. Well versed in a range of project approaches, including agile and waterfall. Experienced as project manager, as technical product owner and business analyst.

Areas of expertise include:

- Information & Documentation Sciences
- Programming (Data Engineering) & Application Architecture
- Lean Thinking/Agile/SCRUM
- 21 CFR 11, EU GMP Annex 11, GAMP 5, Data Quality and Security.
- Literature Screening for Pharmacovigilance
- Information use in the pharmaceutical industry (MI and MA) and Drug Safety

PROFESSIONAL EXPERIENCE

Elsevier BV (RELX Group), Netherlands

Senior Product Development Manager — 2017 - …

As part of product management team in Pharma-Bio-Tech division, Medical Products subdivision, I support roadmap and maintenance development for flagship product as well as SDLC governance for new product. I act as Voice of Quality (GxP) in Product Management and Development Team. Bridge between technology and business stakeholders.

Key Accomplishments:

- **Refactored product specifications for re-engineering effort** of flagship product, including security and regulatory requirements considering GxP requirements.
- Acting **Product Owner** for **SCRUM** development team for 2 products.

Life Sciences Consultant — 2014 - 2016

Member of multidisciplinary **professional services** team; owned bibliographic products non-standard **RFP/RFI**'s and sales engineering across EMEA; advised on product capabilities to integrate in complex projects, expanded capability and responsibility as **PV**, **Data Quality**, **Data Security** and **GxP software compliance** SME for team and PBT Division. Key Accomplishments:

- Performed **GxP assessment** and wrote functional/non-functional specification to fulfil regulatory requirements for new product.
- Contributed to new **Pharmacovigilance**'s (PV) **Go To Market** (GTM) **strategic plan** for the company's PBT division.
- Outlined methodology for **formulating and validating queries for PV Purposes** on Abstract & Index databases (2 conference presentations and a whitepaper).
- Implemented (including programming for data conversion and migration validation) large **Literature Current Awareness** for **Medical Affairs**/**Medical Information** maintaining complex Copyright compliance,
- Advocated, successfully, for **Quality Management System** to be implemented and **Quality Manager** position to be created.

Solutions Specialist — 2012- 2013

Defined relevant **requirements** to be **cross-referenced with** p**roduct functionalities. Developed** pilot installations to validate **value proposition. Collaborated** with cross functional teams on new functionality required by customers**. Supported** account team **in demonstrating** product value and ROI in support of major customer contract negotiations (sale, up-sale or renewal)**.** Key Accomplishments:

- Deployed and supported large **Drug Safety literature screening** project.
- Deployed and supported large **Literature Current Awareness** for **Medical Affairs**/**Medical Information**
- Planned, executed and delivered multiple **data migration** projects, including programming for data conversion and migration validation.

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- Performed **query conversion and harmonization** for 800 medicinal products, including programming of string generation ready for import.
- Became **PV domain SME** for both product and Pharma-BioTech division

Lusodoc Lda, Portugal

Technical Director 1991-2012

Co-founded company for sale and support of Abstract & Index + Full Text Science, Technology and Medical (plus Business) database and information services. Key Accomplishments:

- 20++ years supporting the most important A&I publishers, for academic, governmental, scientific and clinical use cases on the Portuguese market.
- Supported the business model throughout the CD-ROM era and the transition to the online/www paradigm, including development of 4 generations of company website and underlying programming.
- Survived repeated market challenges though customer centricity and excellence of service.
- Enabled business opportunities through novel technical approaches and solutions, both as business analyst and as programmer.

TECHNICAL SKILLS

- Writing UAT's, IQ, OQ, PQ
- Planning FAT, SAT, UAT, IQ, OQ, PQ
- Documenting processes in **BPMN** notation
- **GAMP 5** Validation and Qualification framework
- Complex workflow analysis
- Computer System requirements for **GxP** use
- Business and Process owner's **requirements elicitation**,
- Requirements writing as GAMP **URS** and **FRS** as well as agile **Epic** and **Story**
- **Agile** methodologies and **Lean thinking**
- Planning and development of proof of concept projects (including Programming)
- Training
- Preparing and delivering **presentations** according to GreatDemo methodology

TOOL BOX

- PHP,VBA
- Linux
- SQL (My SQL, PostgreSQL),
- NoSQL (SOLR)
- MS Project, MS Visio
- Jira
- Confluence
- Sparx EA
- HTML
- CSS
- AJAX, Rest and SOA
- KNIME

CERTIFICATIONS

- Certified SCRUM Product Owner Course 2017
  SCRUM Alliance (Certificant ID: 000632904 Expires: 14 April 2019)
- Validation and 21 CFR Part 11 Compliance of Computer Systems 2016
  Global Compliance Panel
- ISO/IEC 27001 Foundation Examination 2016
  APMG International (Certificate Number: 03985637-01-W8JX)
- Basic Principles of Computerised Systems Compliance: Applying the GAMP5 Guide: A Risk-Based Approach to Compliant GxP Computerized System 2015
  International Society for Pharmaceutical Engineering
- Complying with Part 11 - Risk Management: Applying the GAMP Good Practice Guide to Electronic Records and Signatures Principles 2015
  International Society for Pharmaceutical Engineering
- IPMA Level D - Certified Project Management Associate 2008
  APOGEP (Portuguese Association of Project Management)
  Certificate Number: D/0389
- Pedagogical Aptitude (Trainer) Certificate 2004
  Certificado de Aptidão Pedagógica para Formador

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EDUCATION

Executive Degree on Business Management

Faculdade de Economia, Universidade Nova de Lisboa, Portugal 2007- 2008

Corporate Finance • Marketing Management • Leadership • Negotiation • Branding • Internationalization • Economics and Macro Economics • HR management • Performance Measurement • Change Management • Strategic Planning • Scenario Planning • Effective Communication • Activity Based Costing

Post Graduate Degree on Information Systems Management (POSI)

Instituto Superior Técnico da Universidade Técnica de Lisboa, Portugal 2006 -2007

Enterprise Architecture • Project Management (IPMA based) • Object Oriented Programming • Java • Junits • NetBeans • Business Intelligence and Data Mining • Decision Analysis • Human Computer Interfacing • Business Activity Monitoring • UML • SQL • Program Design Patterns • Enterprise Ontology • Change Engineering • CRUD Matrixes • Business Processes through BPMN

Degree on Library and Information Sciences and Technologies

Instituto Politécnico do Porto, Portugal 2002 - 2006

Document Analysis and Document Description languages • Information Service Evaluation • Information Audit • Bibliometrics • Classification • Indexing • Subject Ontology and Taxonomies • SDI • Digital Services • Indexing Languages • User Satisfaction Studies • User Training • Project Management (PMBoK based) • Information Services Planning • ISO 9000 • Literacy • Normalization • Quality Control • Information Retrieval • Reference Services • Information Behaviour • Reference Interviews • Dublin Core • EAD • ISAR • ISAAR • MARC • XML • IBSD • SPSS • SQL • Z39.50 • SRU/W • Federated Search engines

PROFESSIONAL MEMBERSHIPS & COMMUNITIES OF PRACTICE

- □ International Institute of Business Analysis™ (IIBA®)
- □ Special Libraries Association (SLA)
- □ International Society for Pharmaceutical Engineering (ISPE)
- □ Pharmaceutical Information and Pharmacovigilance Association (PIPA)
- □ Association for Information Science and Technology (ASIS&T)