



SUMMARY

Highly motivated and experienced, with 18 years of delivering positive outcomes in the IT industry. Passionate about providing quality assurance whilst imparting expertise in Business-IT alignment, team mentoring, solution design, business modelling, continuous integration, and technology selection. I take pride in my steady career growth over the years, and with direct exposure to operational and project management; I have developed my skills in leadership, stakeholder management, communication, and troubleshooting.

Core competencies

Solution Design · Business Modelling · Continuous Integration · Stakeholder Management · Effective Leadership and Collaborative Abilities · Communication and Interpersonal Skills · Troubleshooting · Attention to Details · Inveterate Learner · Quality Assurance

SKILLS PROFILE

In-depth knowledge and practical experience in Business/Solutions Architecture; solid technical skills

- Certified in *TOGAF* and *PRINCE2*.
- Expertise in *Microservices/SOA*; Reactive architectures; *CICD* pipelines; Agile methodologies; Cloud (PaaS, IaaS).
- Proficient in solution design and modelling, product roadmap, technology selection, middleware, and integration.
- Experienced in project management, involved with the full lifecycle of projects from conceptualisation to delivery.

Highly analytical, with strong troubleshooting skills; leadership and collaborative abilities

- Broad experience in designing software solutions, from high-level to detailed designs through multiple views and models, including context, logical, information, deployment, infrastructure, and API design.
- Efficiently work on complex situations; identify strengths and weaknesses of alternatives to ultimately provide pragmatic solutions.
- Able to work well individually, but recognise the importance of team unity and collaboration to reach the goals of the organisation.

Outstanding communication skills; continuous development and strong work ethics

- Capable of communicating with different stakeholders, to ensure that service provided goes beyond expectations.
- Active listener; give full attention to stakeholders, and make certain client requests and specifications are addressed accurately.
- Proactively keeps up with industry trends and evolution to maintain competitive in chosen field.

TECHNICAL EXPERTISE

- **Methodologies/Frameworks:** [★★★] TOGAF, Agile; [★★] PRINCE2, ITIL;
- **Programming Languages:** [★★★★] Java; [★★★] JavaScript; [★★] Scala, PHP, Shell; [★] Python;
- **Frameworks/Libraries:** [★★★★] Java EE (EJB, JMS, JPA, JAX-WS, JAX-RS, JAXB), Spring Projects (Boot, Framework, Cloud, Data, Security); [★★★★] React.js (Redux, Router, Bootstrap, Forms); [★★] Akka, Play;
- **Platforms:** [★★★] AWS (EC2, RDS, SQS, CloudFront, VPC), Docker, Firebase; [★★] Heroku; Hortonworks (Kafka, Spark, Zookeeper), [★] Azure;
- **Middleware:** [★★★★] Tomcat, Wildfly; [★★★] Elastic Stack (Elasticsearch, Logstash, Kibana); Apache Kafka, Mule ESB, Activiti BPM;
- **Lifecycle Management:** [★★★★] Git SCM (Github, Gitlab, Bitbucket), Atlassian Suite (JIRA, Confluence, Bamboo, Crucible), Maven; [★★★] Jenkins; [★★] Gradle, Webpack;
- **Modelling:** [★★★★] UML, BPMN; [★★★] ArchiMate;
- **Databases:** [★★★★] MySQL, MariaDB, Oracle; [★★★] MongoDB, Postgres, Informix; [★★] Redis;
- **Operating Systems:** [★★★★] Linux (RHEL, Debian), Windows; [★★] Android, iOS;

PROFESSIONAL EXPERIENCE

Enterprise and Solutions Architect @ Unisys S.L.U.

January 2012 to present – Alicante, Spain · End client: EUIPO (formerly OHIM)

Methodologies: Kanban and Scrum (Agile) · ADM (TOGAF) · PRINCE2

Modelling: ArchiMate (Sparx EA) · UML (Sparx EA) · BPMN (Activiti Designer)

Technologies: Spring Projects · JEE Technologies · JS Frameworks · RMDBS and NoSQL · Middleware

- Design software solutions, from high-level to detailed designs through multiple views and models, including context, logical, information, deployment, infrastructure, and API design.
- Provide leadership and technical mentoring to development teams; organise and conduct technical events, focused on constant improvement; ensure the company adheres to IT Standards and Reference Architecture.
- Participate in the development of functional and non-functional components on agile projects; prototype and execute products/technologies assessments and proofs of concept.
- Liaise and collaborate with stakeholders to implement EA Capability for the European Union Intellectual Property Network (EUIPN) with TOGAF's ADM. Set up and govern the Enterprise Architecture repository.
- Identify areas to improve, develop framework and scope of work, and establish enterprise standards and principles to ensure organisational improvement and create an environment of effectiveness and efficiency within the organisation.
- Distinguish drivers, goals, and risks; develop the vision and goals, define the organisation's maturity model, and perform capability assessments.

Key Achievements

- Significantly contributed to the execution of a 5-year programme (Cooperation Fund), which transformed many European IP institutions through modernisation of operations, brought value to the IP community, improved the service catalogue, reduced direct costs, increased agility, provided broader IP protection, and improved the consistency and predictability of decisions across the EU IP system.
- Helped establish an Enterprise Architecture Capability for the EUIPN and lay the foundations for the IP industry's business process, information and applications frameworks.

Key Programmes

- *Cooperation Fund*: programme designed to promote the harmonisation and modernisation of European IP offices by means of providing these offices with suites of both front and back office tools to manage IP rights lifecycle and customer relationships.
- *Cooperation Programme*: continuation of the Cooperation Fund programme, with a budget of €100m, to further promote harmonisation, improving existing tools, and adding more capabilities to the catalogue.

Key Projects

- *TMView* and *DesignView*: trademarks and industrial designs register search tools, based on TM-XML and DS-XML (canonical data models for the IP industry). Currently undergoing a full rewrite. Design principles: Resilience · Responsiveness · Scalability · SPA · DDD · Microservices · CQRS. Technology stack: React.js (Redux) · Spring Boot (fat jars) · Spring Cloud (Netflix OSS) · Reactor · Consul · Elastic Stack · Kafka · Docker · Git · Bamboo.
- *Software Package*: suite composed of front office and back office modules. Front Office offers intellectual property rights' holders with a full set of e-services, such as application filings, rights renewals, transfers, etc. SP Back Office is a case management and system of records that manages the full lifecycle of IP rights, including examination, registration and litigation processes. Design principles: Service orientation (SOA) · Modularity · High cohesion · Loose coupling · Reuse · Configurability · Open-source and standards based. Technology stack: JEE Full-Profile (Wildfly) · Spring MVC and Webflow · Backbone.js · Activiti BPM · Elasticsearch · Mule ESB · Apache Jackrabbit · Drools · MySQL Cluster · Oracle RAC · Subversion · Bamboo.
- *EU Administration Portal*: workflow for managing cooperation agreements between EUIPO and Network members, action proposals, cost estimates and execution reports. Design principles: Slice-over-layer · Separation of concerns · SPA with back end REST API. Technology stack: React.js · Spring Boot (fat jar) · MariaDB · Git · Bamboo.
- *TMDN Portal*: enterprise portal for the European IP community. Features a private area with social tools. Design principles: Lightweight · Federated SSO. Technology stack: Liferay CE · Spring Framework · Oracle RAC · Subversion.
- *Enforcement DB and Anti-Counterfeiting Intelligence Support*: provide rights holders with simple tools to upload relevant product information to help authorities identify counterfeit goods at European borders. Design principles: Two-factor authentication · Service Orientation · Modularity · Open-source and standards based. Technology stack: JEE Full-Profile - EJB, JMS, JPA (JBoss) · Spring MVC · Mule ESB · SolR · Talend · Oracle RAC · Subversion.

Senior IT Consultant @ Charles Oakes

August 2007 to December 2011 – Alicante, Spain · End client: OHIM (now EUIPO)

Technologies: Spring Projects · J2EE Technologies · Middleware tools · Oracle and Informix RDBMS

- Provided technical orientation/definition and design evaluation (architecture and integrations), as well as technical consultancy to IT projects.
- Conducted documentation audits, and maintained the service integration catalogue; created a systems dependency graph; contributed to IT Standards and Reference Architecture.
- Executed proof of concepts for different solutions and technologies; facilitated implementation of systems.
- Provided leadership to project teams to ensure best practices and quality of work; met the allocated budget and time frames.
- Completed maintenance and refactoring of legacy systems; analysed software requirements and change requests.
- Produced relevant technical documentation and provided support to User Acceptance Tests.

Key Achievements

- Led both adaptive and maintenance development teams of client's flagship e-business system.
- Led the team that successfully certified systems to be Windows 7 ready for the enterprise-wide migration.

Key Projects

- *CTM Online and RCD Online*: adaptation of CTM and RCD register search tools to new register system. Technology stack: J2EE · Custom MVC · Verity K2 · Informix · Shell scripts.
- *Windows 7 Migration*: enterprise-wide migration from Windows XP to Windows 7. Responsibilities: Planning · Systems Inventory · Assessment · Adaptation · Deployment.

Team Lead @ Aldaba Sistemas

January 2007 to July 2007 – Madrid, Spain · End client: IT Deusto

Technologies: Spring Framework · J2EE Technologies · Oracle RDBMS

- Led a team of developers, on-site and off-site, responsible for the design, development and maintenance of internal systems.
- Collaborated with various internal stakeholders to make certain inquiries and concerns were attended to in an accurate and timely manner.
- Oversaw projects to ensure specifications and standards were adhered to, to achieve quality results and exceed company expectations.

Key Projects

- *ITDBudget*: budget management. Technology stack: Spring MVC · JPA · Oracle.
- *ITDKnowledge*: internal knowledge base. Technology stack: Spring MVC · JPA · Oracle.

Dev Support Engineer @ Siconet

June 2006 to December 2006 – Madrid, Spain · End client: Mapfre

Technologies: MAPFRE Framework · J2EE Technologies · Oracle RDBMS

- Provided guidance and support to different development teams throughout projects' lifecycle.
- Identified weak areas and found opportunities to improve the development support service.

Key Achievements

- Recognised as subject matter expert on *MAPFRE* framework.

ADDITIONAL WORK EXPERIENCE

Senior Software Developer @ Elan IT

July 2004 to June 2006 – Madrid, Spain · End clients: AENA · Amena

IT Consultant @ Lubrasoft

March 2001 to June 2004 – Lisbon, Portugal · End clients: CGD · Fidelidade Mundial

Software Developer @ Ogeda IT

May 2000 to March 2001 – Lisbon, Portugal

Software Developer @ Target Sistemas

April 1999 to March 2000 – Rio de Janeiro, Brazil · End client: Banco Boavista

Internship @ Rede Cityfarma

November 1998 to February 1999 – Rio de Janeiro, Brazil

EDUCATION AND PROFESSIONAL DEVELOPMENT

Universidade Autónoma Lisboa, Portugal · Incomplete [2001-2004]

Computer Management

PUC-RIO, Brazil · [1999]

IT Programmer

Certifications · Licenses

TOGAF Foundation, The Open Group [2016]

FP in Scala Specialization, EPFL (Coursera) [2016]

MongoDB for Java, MongoDB University [2015]

PRINCE2 Foundation, APMG International [2012]

RECOMMENDATIONS AND REFERENCES

Diego Eguidazu · Deputy Director [ICT Services Area]

EUIPO - European Union Intellectual Property Office · Digital Transformation Department

“Antonio has worked for several OHIM/EUIPO service providers over a total span of approximately 10 years, progressing from development tasks to architecture and international cooperation activities, gaining in experience and responsibility.

He is skilled in technical aspects, but where he stands out is in his attitude: always willing to help, seeking win-win situations and strongly committed to the task at hand.”

Simon White · Head of Service [European Cooperation Service]

EUIPO - European Union Intellectual Property Office · International Cooperation and Legal Affairs Department

E-mail: Simon.WHITE@euipo.europa.eu · Phone: (+34) 639 215 500

Stefano Mancini · Service Manager [European Cooperation Service]

Unisys España · End Client: EUIPO - European Union Intellectual Property Office

E-mail: Stefano.MANCINI@ext.euipo.europa.eu · Phone: (+34) 655 893 836

ADDITIONAL INFORMATION

Date of birth

June 7th, 1979

Nationalities

Portuguese · Brazilian

Languages spoken

English · Portuguese · Spanish · Hungarian

Interests

Outdoor activities with family, reading, travelling, and music

SOCIAL CONTACTS

LinkedIn

<https://www.linkedin.com/in/simoesantonio/>

Twitter

<https://twitter.com/simoean>

Medium [personal blog]

<https://medium.com/@simoean>

Skype

live:simoean