Manuel Jesus Jaen Lopez

SOLUTION ARCHITECT

SKILLS

Programming
Java, JavaScript, HTML, CSS, PHP, C, C++, Visual Basic.

AWS
S3, EC2, ECS, RDS, DynamoDB, ElastiCache, SQS, SNS, IAM, ASG, ELB, CloudWatch.

Data
Hibernate, JPA, Oracle, Oracle PL/SQL, MySQL, MongoDB, Redis.

Containerisation
Docker, Docker compose

OS
macOS, Windows, Linux.

Methodologies
Agile, Scrum

CERTIFICATIONS

PSM I
Professional Certification Scrum Master I by Scrum.org

Scrum
Scrum Certification by European Scrum

ITIL
ITIL® Foundation IT Service Management by EXIN

Network
Network Administrator Certification by Formación Sierra de Cádiz, S.L.

PERSONAL INFORMATION

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SUMMARY

Solution architect with almost 20 years developing and designing backend systems. I have experience in all steps of lifecycle development, experience which I apply to all the projects I work in. I have worked both on my own and in a team and I have learnt how good and important to work in a team is, so I consider myself a team player, with the ability to make a team self-managed. I love technology and I am always eager for keeping expanding my knowledge.

EDUCATION

University of Seville

Bachelor + Master of Science in Computer Engineering (2001/2002 - 2006/2007)

WORK EXPERIENCE

Solution Architect   **March 2022 - Present**

Goldman Sachs   **London (UK)**

Solution architect (Vice president) working in Transaction Banking at Goldman Sachs (https://www.goldmansachs.com/what-we-do/transaction-banking), focused on channels, payments and liquidity.

Solution Architect   **April 2021 - March 2022**

Sngular at Santander   **Boston (US)**

Solution architect working in retail banking at Santander. In charge of analysing and designing technical solutions for different business areas, mainly payments, lending and self-help:

- Analyse and understand the business requirements.
- Solution design for functional and non functional requirements.

Achievements:

- Chat box integration in web and mobile application to answer customers questions in a natural manner.
- Enable loan re-payments in mobile and web application.
- Enable AB testing and feature flag capabilities both in web and mobile application.

Technical Lead   **May 2018 - April 2021**

Sngular at BBVA   **Dallas (US)**

Team/Technical lead working in Open Platform (Banking as a Service) at BBVA in the Payments team. In charge of analysing and designing technical solutions to offer payment services, leading a team of up to 10 developers. Two roles:

- Technical role: to design cloud-based payment services via REST API. Provide expertise and support to client service L2.
- Management role: to ensure Scrum methodology, facilitate Scrum ceremonies, work with payment product owners to define the requirements and maintain the product backlog and the spring board; manage, coordinate and supervise all steps of the project as well as the well being of my team.

Achievements:

- New version of the payments APIs based on a new architecture.
- Integration with VISA Direct services to offer debit card payments via API, including settlement and reconciliation.
- Addition of pay-to-anyone via checks to our bill payments API.
- Design idempotence strategy to avoid payment duplication with the legacy mainframe of the bank.
- Design FBO (For the Benefit Of) capabilities to our APIs on the top of the mainframe of the bank.
- Integration with FDIC.

Technical Lead   **February 2017 - May 2018**

EUIGS, Admiral Group   **Sevilla (ES)**

Technical Lead working at EUIGS, leading a team of up to 10 developers. Two main roles:

- Technical role: to collaborate with the architecture team to provide backend technical excellence across the organisation and within my team. To supervise front-end architecture.
- Management role: to ensure Scrum methodology, facilitate Scrum ceremonies, work with the product owners to define the requirements and maintain the product backlog and the spring board; manage, coordinate and supervise all steps of the project as well as the well being of my team.

Achievements:

- Design, create and develop new REST APIs to use in customer portal.
- Design the security foundation for micro service architecture.
- New customer portal for three brands (Qualitas Auto, Balumba, Wiyou). Awarded as the best company project for 2017.
- New web quoting for three brands (Qualitas Auto, Balumba, WiYou).
- Integration with BBVA / Redsys as secure payment platform to enable card payments.

Senior Developer   **September 2016 - February 2017**

EUIGS, Admiral Group   **Sevilla (ES)**

Java senior developer working at EUIGS, working on vehicle insurance applications. Focused on external provider integrations in the claims area.

Achievements:

- Integration with Sinexia provider for claims processing.
- To adapt a more updated accidents classification in order to comply with the regulations.
- Integration with defaulters/debtor's register services (Asnef and Badexcug).

Senior Developer and Business Analyst   **December 2012 - September 2016**

Experience Engineering and Services, S.L.   **Sevilla (ES)**

Senior Developer and Business Analyst working in a logistics and cash management project (SIGLO) for the Andalusian Regional Ministry of Health at Experience. Specialised in the areas of stocks management, billing, purchasing, product catalog and budget control.

Achievements:

- Integration with Electronic Invoicing and with GIRO system (Integrated Management System of Organisational Resources) of Ministry of Finance.
- Successful analysis of a new way to manage operating room supplies.
- Review and refactor of main Jasper Reports of the company.

Junior and Senior Developer   **October 2007 - December 2012**

Southern Star Automation Consultants   **Sevilla (ES)**

Junior and senior developer in Southern, working in an in-house logistics and cash management project in Hospital Virgen del Rocio in Sevilla. Focused on all phases of project development, from requirement gathering to deployment in addition to analysis, design, implementation, testing and maintenance. Although progress was made in all areas related to logistics management, I can emphasise several achievements in that area.

Achievements:

- Development of KANBAN system at the hospital.
- Development of an in-house electronic stock management in surgery rooms.
- Development of a management budget control system (GAC).
- Development of a new billing system.
- Integration and consolidation of RFID technology for stock management.
- Integration of EDI (Electronic Data Interchange) invoices.

Due to the success of GAC project, I was transferred to the Andalusian Regional Ministry of Health to integrate it across all Andalusian's hospitals and to work in the Regional Ministry logistics and cash management project to unify all hospital's stocks and cash management.

Junior Developer   **May 2007 - October 2007**

PressAnyKey, S.L.   **Sevilla (ES)**

Junior developer at PressAnyKey, developing business management software.