

Jose R. Martinez

Technical Writer | Business Analyst | Software Engineer

Navojoa, Sonora, Mexico

+52 6424263009

ioseramonmg26@gmail.com

[LinkedIn Profile](#)

[Portfolio](#)

EXPERIENCE

ITJuana for Dexcom — Technical Writer / Business Analyst

SEPTEMBER 2023 - PRESENT

Internal Tools Validation

Worked on software documentation for internal tools validation. My activities included: collaborating with QAs and Developers to create business process flow charts, architecture diagrams, and software requirements support during the software tools validation.

Business Analyst

Worked on requirements for medical software. My activities included: articulating and modeling business requirements, having meetings to obtain requirements through dialogue with developers, stakeholders and testers, and reviewing the release documentation to ensure that requirements are correct, unambiguous, and testable.

SDLC Documentation

Worked on software documentation. My activities included: maintaining documentation of changes and improved procedures during the release of the software, modeling diagrams using Mermaid.js or PlantUML, migrating and working with development teams to define document strategy, acceptance criteria, Jira work tracking, and verifying that the work generated by the software development team meets the stakeholders' requirements.

Wizeline — Technical Writer

MAY 2022 - AUGUST 2023

Journal Company

Created Onboarding, Architecture, and Development guides. My activities included: modeling diagrams using Mermaid.js, migrating and organizing content in GitHub Wiki, interviewing and validating information with the tech lead and other software engineers.

Financial Advisory Company

Documented the internal process for a finance platform development. My activities included: creating and peer-reviewing documents, organizing content in confluence, and conducting interviews with SMEs.

SKILLS

Architecture Documentation
API Documentation
UML Modelling
Requirement Analysis
Technical Communication
Process Documentation
Artificial Intelligence
Requirements Specification

Tools

Jira
Confluence
Postman
Markdown
Git
Swagger
MS Office
Cloud PLM

Certifications

[Microsoft Azure AI Fundamentals](#)



[Scrum Foundation Professional Certificate SPFC](#)



[Cloud Digital Leader Certification](#)



Programming Languages

Javascript
Python
Java

Big Data Company

Translated and reviewed training content for a Data Science Bootcamp. My activities included: reviewing and editing material, creating slides, interviewing SMEs, and validating information with the instructors to propose the best content organization.

Fashion manufacturing and distribution company

Migrated and created content in Confluence for the developers' team to reduce the project's technical debt. My activities included: translating documentation from Spanish to English, creating how-to guides, information architecture, and conducting interviews with SMEs.

Fashion manufacturing and distribution company

Created the handover document for a closing project. My activities included: sharing technical writing guidelines with the team and providing mentoring on document structure, grammar, and style.

Internal Initiatives

- I helped with GenAI documentation (demos and proof of concepts). My activities included: Interviewing SMEs, creating architecture diagrams using the C4 model, and using Mermaid.js to create sequence diagrams.
- I designed and created the Artificial Intelligence learning path to improve technical writers' technical skills.
- I collaborated with the Marketing team and other technical writers in the Wizeline Spanish Site translation.
- I led a study group of 30+ participants for two months to obtain the Microsoft AI Fundamentals Certification. I defined and organized study materials, coordinated study sessions, created questions that fostered discussions and gave practice exam sessions.
- I led the TW learning and helped create learning materials and learning paths for technical skills.
- Mentoring technical writers in multiple technical topics such as Architecture diagrams, Frameworks, and API concepts, UML modeling.

Technological Institute of Sonora — Research Professor

JANUARY 2021 - MAY 2022

Teaching and Mentoring

- I designed and created program courses and class programs for the Software Engineering Program.
- Mentored undergraduate students.
- Taught the following courses: emerging web topics, software design, web applications, research seminar, and computer architectures.

Research and Writing

- I helped to write proposals for research projects.
- Wrote academic papers in collaboration with other researchers.
- I helped review and edit academic articles and thesis documents.
- Mentored Ph.D. students in ontologies, artificial intelligence, and intelligent agents.

PUBLICATIONS

Knowledge condensation Model for Support of Expertise Location in Software Development

Computacion y Sistemas, 2023.

Towards a knowledge condensation tool to Capture Expertise

New Perspectives in Software Engineering, Springer Link 2021.

Ontology for knowledge condensation to support expertise location in the code phase during software development process

IET Software, 2020.

Supporting expertise location in coding phase of software development process

IEEE Latin America Transactions, 2020.

A Multi-Agent System For Expertise Localization in Software Development

SOFTENG (International Conference on Advances and Trends in Software Engineering) 2016,

EDUCATION

Ph.D. In Computer Science

Autonomous University of San Luis Potosi

2017-2021

M.S. in Computer Science

Technical Institute of Sonora

2014-2016

Software Engineering

Technical Institute of Sonora

2011-2014