

ANTONIO MURILLO SEVILLANO

Software Engineer

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I'm a Software Engineer who enjoys building things that work well and help people. I like solving puzzles, learning through new and challenging scenarios, and working with others to turn ideas into reality.

Work Experience

Backend Developer May 2025 - Present

BABEL Tech Consulting

Westinghouse Project

- Developed RESTful APIs using C# and .NET following Clean Architecture and Mediator patterns to support business logic and frontend requirements.
- Implemented and tested backend features aligned with newly defined business workflows, reducing manual processing steps by an estimated 30%.
- Integrated Swagger for endpoint documentation, improving clarity and collaboration with frontend and QA teams.
- Participated in refining the domain model and translating business rules into backend logic, contributing to a maintainable and scalable codebase.
- Tech: C#, .NET, Clean Architecture, Swagger, SQL Server, Git, Agile/Scrum

Consulting Business Analyst Jan 2025 - May 2025

BABEL Tech Consulting

Westinghouse Project

- Collaborated with stakeholders to identify business and functional requirements for a workflow and task management platform, improving alignment with operational needs.
- Created clear and structured documentation for new processes and features, improving knowledge transfer across teams.
- Facilitated communication between technical and non-technical teams, helping reduce implementation delays and clarify delivery expectations.
- Used ER diagrams and SQL to support early-stage validation of business rules and data structure integrity.
- Tech: SQL, ER Diagrams, Documentation, Agile

Projects

LLM-Powered Chat Analytics Dashboard

Designed and implemented a Python-based analytics dashboard (Streamlit) integrating LLM models, applying data structures and text processing algorithms to handle 10000+ chat messages. Additionally, it involves the use of a chatbot employing LLM for further analysis and engaging activities with the data.

Statspot Spotify Analyzer

Spotify Profile Analyzer that provides insights into your music preferences and listening habits. Tech: React.js, Spotify Web API, D3.js, Express.js

NLP-Based News Article Classifier

Trained Word2Vec model on 50k+ news articles, achieving 92% accuracy in multi-label classification via SVM
Tech: Python, NLTK, Scikitlearn, Gensim (Word2Vec), Pandas

PETCLINIC Veterinary Management System

Full-stack web application for veterinary clinic operations (MVC architecture) Tech Stack: React.js (Frontend), Node.js + Express (REST API), MongoDB (NoSQL Database)

Core Skills

Languages: C#, SQL, JavaScript, Python, Java(learning), C++ (academic exposure)

Backend: .NET, Node.js, Express.js, MongoDB, .Net, REST API Design

Methodologies: Agile, TDD

Frontend: React.js, HTML5, CSS3, Redux, D3.js

DevOps: Docker, GitHub Actions, AWS Lambda, Heroku, CI/CD, Jenkins

Tools: Jira, Postman, SonarQube, Jest

Data & Analytics: SQL Analytics, NLP (Natural Language Processing), Machine Learning Basics, Data Structures & Algorithms, Py-Spark (learning)

Education

University of Seville Sep 2021 - Jun 2025

Software Engineering Degree Software Engineering

AGH Krakow university Sep 2023 - Jun 2024

Software Engineering Degree - Erasmus+ Exchange Program Software Engineering

Languages

Spanish (Native), English (Full professional proficiency (C1). Cambridge CAE), Italian (Basic competences)