Juan Carlos Sánchez García *Computer Engineer*

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🌐 Portfolio
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Professional Summary

Computer Engineering student with experience in developing **technology solutions** in professional environments. Involved in **backend**, **automation**, and **machine learning** projects, always focused on building **efficient**, **robust** systems aimed at solving **real-world problems**.

Professional Experience

Bosch Spain – Software Development (Internship, Full-Time) *October 2024 – Present*

- Designed and implemented a **complete anomaly detection pipeline** for industrial processes, developed as a **Bachelor's Thesis**. The system integrates ingestion, processing, and deployment of **machine learning** models using **Docker**, **Kafka**, **Airflow**, and **Azure ML**.
- Built internal tools with **Angular 18**, **.NET**, and **Node-Red** to automate and optimize internal processes.
- Active participation in agile environments (**Scrum**) and task management using **Azure DevOps**.

Auchan Group – Software Development (Internship, Part-Time) *October 2023 – January 2024*

- Developed REST APIs in **Java/SpringBoot** integrated with internal **ASP.NET** applications.

Education

Computer Engineering – Universidad Europea de Madrid *September 2020 – Present*
4th year, Bachelor's Thesis pending
English Language Program – University of Texas at Austin *January 2022 – May 2022*

Certifications

- Fundamentals of Digital Marketing (Google)
- Enterprise Design Thinking Practitioner (IBM)
- Problem Solving (HackerRank)

Technical Skills

Languages: Python, Java, SQL, TypeScript, C, Dart
Frameworks/Tools: Angular 18, .NET, Docker, Azure DevOps, Azure ML, Git, Airflow, SVN, Flask, ASP.NET, VSCode, Eclipse, Flutter
Languages: Advanced English (TOEFL)

Featured Projects

Sensor System + Client-Admin Communication — Java + Arduino

- Designed physical temperature sensors connected via Arduino.
- Developed a Java app for real-time monitoring and client-admin chat communication.

Sports Statistics Prediction — Flask + Web Scraping + Telegram Bot

- Web app predicting football player performance using scraper data (Selenium, BeautifulSoup).
- Created a Telegram bot to automatically notify users of matches and news.

Additional Information

- Recommendation letter available from Bosch Spain.
- U.S. Work Authorization: Permanent Resident (Green Card).