Francisco Javier Sanchéz Rodríguez
Junior Full-Stack Developer

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PROFESSIONAL PROFILE

Mechatronics Engineer with experience as a Full-Stack Developer, focused on both frontend and backend development. Skilled in technologies such as Java, Python, JavaScript, databases, and frameworks. Passionate about creating efficient and secure tech solutions, with hands-on experience in API integration, web architectures, and collaborative work in multidisciplinary teams to solve real-world technical challenges through software development.

HARD SKILLS

Java | Spring Boot | JavaScript | Python | HTML | CSS | SQL | Postman | MySQL Workbench | Git/GitHub | Jira | Figma | Agile Methodologies (Scrum) | SQL | C/C++ | Data Analysis (Excel, Tableau) | Network Administration & Security | Mechatronic System Design & Control

SOFT SKILLS

Problem Solving | Critical Thinking | Continuous Learning | Teamwork | Effective Communication

ACADEMIC PROJECT

IoT/Automation Solution | Contactless Access Control System | TecNM Colima (January 2023 – July 2023)
Designed and implemented a contactless automated access control system, enhancing security and operational efficiency. Managed data storage and analysis for personnel tracking, and coordinated functional testing and optimizations to ensure system accuracy and reliability. Demonstrated ability to deliver innovative tech solutions and optimize processes in dynamic environments.

PROFESSIONAL EXPERIENCE

Junior Full-Stack Developer, FireStack (May 2025 – August 2025)
- Developed frontend interfaces using HTML, CSS, and JavaScript for static pages and interactive forms.
- Implemented backend features with Java and Spring Boot, integrating MySQL databases and REST APIs.
- Designed and implemented CRUD operations for efficient product management.
- Actively participated in all stages of the project: requirements gathering, development, testing, and delivery.

Logistics Specialist, *R2* (June 2022 – January 2023)
- Managed the redistribution of materials and hazardous waste using advanced logistics practices.
- Coordinated with clients and suppliers to optimize delivery times and reduce operational costs.
- Implemented a documentation and traceability system that improved delivery tracking and reduced incidents.

Billing & Customer Support Assistant, *IQ Call* (February 2021 – April 2022)
- Provided specialized support and resolved issues using MS Office and data management systems.
- Streamlined administrative processes, increasing efficiency in billing and document handling.

COURSES

Python Programming – Santander Open Academy (2024)
Cisco Packet Tracer Fundamentals – Edutin Academy (2023)
Excel: Basic to Intermediate – Santander Open Academy (2024)
C Programming: Algorithm Development – Edutin Academy (2024)
Google Data Analytics – Coursera (2024)
Introduction to Java – Fundaula (2025)

EDUCATION

Full-Stack Developer – Generation (Feb 2025 – May 2025)
B.S. in Mechatronics Engineering – TecNM Campus Querétaro (August 2018 – June 2024)
Language Diploma – Tecnológico de Monterrey (July 2018 – August 2020)

LANGUAGES

- Spanish (Native)
- English (B2)