Fernando Moises Blanco Alvarez

FULL STACK DEVELOPER JR

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PROFESSIONAL PROFILE

Control and Automation Engineer with a strong passion for Data Engineering and currently pursuing certification in the field. Experienced in developing comprehensive engineering solutions, capable of handling application development as well as structured data analysis and processing. Focused on building scalable solutions that integrate logical design and efficient information management. Recognized for analytical thinking, attention to detail, technical versatility, and a results-oriented approach.

HARD SKILLS

Python | Java | SQL | NoSQL | Pandas | Power BI | Data Analysis | ETL | Spring | JavaScript | API | Git | GitHub | C/C++ | HTML | CSS | Ladder Logic | TIA Portal | MATLAB | AutoCAD | Microsoft Office Suite | VS Code | IntelliJ | Postman

SOFTSKILLS

Analytical Thinking | Problem Solving | Proactive | Resilience | Teamwork | Effective Communication | Adaptability | Technical Versatility | Self-Learning | Results-Oriented

ACADEMIC PROJECTS

RPA | NoSQL log with MongoDB, (October 2025)

Development of a robot that converts CSV data to NoSQL, loads it into a MongoDB collection as documents, and maintains a log of start and end executions stored in another collection for data analysis using aggregation queries.

Airbnb NYC Accommodation Predictive Analysis, (August 2025)

Data analysis project focused on identifying pricing and occupancy patterns of Airbnb listings in New York City. Performed data cleaning and preprocessing using Pandas and NumPy. Conducted exploratory analysis and visualized trends with Matplotlib and Seaborn. Segmented listings by location and price range. Built an initial predictive model to estimate prices based on key variables.

WORK EXPERIENCE

RPA Developer | Automation Solutions Engineer | *CompuSoluciones y Asociados (August 2025 – Present)*

- Development of software process automation robots that interact with systems and execute specific tasks. Design and implementation of data extraction and loading solutions to enable automation workflows aimed at optimizing time and efficiency. Certified in the Rocketbot automation platform.

E-commerce | *FireStack (May 2025 – August 2025)*

- Designed and developed responsive interfaces using HTML, CSS, and Bootstrap, focused on usability and user experience for both mobile and desktop devices.
- Implemented dynamic functionalities (filters, shopping cart, validations) using JavaScript.
- Developed RESTful services with Spring Boot to manage users, products, orders, and authentication.
- Designed the MySQL database schema, including table relationships.
- Worked under the Scrum methodology, participating in weekly sprints, daily meetings, and deliverable reviews. Utilized Git and GitHub for version control and Jira for project management.

COURSES & CERTIFICATES

- **Google AI Essentials Certificate** (Google, 2025)
- **Python for Data Science, AI & Development** (IBM, 2025)
- **Introduction to Data Engineering** (IBM, 2025)
- **Bot Builder Rocketbot Expert** (Rocketbot, 2025)
- **Introduction to Java Certificate** (Fundaula, 2025)
- **Python Certificate** (Udemy, 2025)
- **PROCADIST-N17 Certificate in Effective Workplace Communication** (STPS, 2024)
- **Project Management and Agile Methodology Fundamentals Certificate** (Santander Open Academy, 2024)

EDUCATION

- **Java Full Stack Developer,** Generation (May 2025 – August 2025)
- **B.Eng. in Control and Automation,** IPN ESIME Zacatenco (August 2020 – January 2025)
- **Technician in Digital Systems,** IPN CECYT 3 (August 2017 – July 2020)

LANGUAGES

- Spanish (Native)
- English (B2 Upper-Intermediate)