


Ian Fernando Román Macedo

Backend Developer | Data Scientist | Full-Stack Developer

Mexico City, Mexico

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Professional Summary

Experienced Software Engineer with over 5 years in software development, specializing in backend development, data science, and full-stack solutions. Strong background in process automation (RPA & BPM), cloud migration, API development, and data processing. Proven ability to lead and implement technological innovation in corporate environments, optimizing operational efficiency.

Professional Experience

El Puerto de Liverpool

Mexico City, Mexico

April 2022 – Present (2 years 11 months)

Senior CCoE Consultant (July 2023 – Present)

CCoE Consultant (April 2022 – July 2023)

- Led technological innovation and digital transformation initiatives within the Center of Excellence in Automation (CCoE).
- Designed and delivered Python training for a team with over 10 years of experience, improving their technical capabilities.
- Implemented GitHub for repository management, enhancing collaboration and accelerating development cycles.
- Provided user support and optimized microservices and web services, improving system performance.
- Managed and processed large datasets in Oracle, enhancing data integrity and usability.
- Developed and integrated a Google Chatbot to automate internal communications.

- Led the migration from Oracle to GCP using Informatica PowerCenter, ensuring seamless data transition and performance optimization.
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Xolodevs

Jiutepec, Morelos, Mexico

February 2021 – May 2022 (1 year 4 months)

CEO & Co-Founder

- Established and managed a technology-focused company specializing in software development and automation solutions.
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Beecker

Cuernavaca, Morelos, México

February 2022 – April 2022 (3 months)

BPM & RPA Developer | AER Consultant

- Developed BPM and RPA automation solutions to streamline business operations.

Cuernavaca, Morelos, México

September 2021 – February 2022 (6 months)

Resident BPM & RPA Consultant

- Supported the implementation of business process automation in corporate environments.

Cuernavaca, Morelos, México

January 2021 – September 2021 (9 months)

Student Intern

- Assisted in the development and testing of automation solutions.
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Balabox

Cuernavaca, Morelos, México

January 2017 – June 2017 (6 months)

Full-Stack Developer (Intern)

- Developed over 10 interactive and functional websites using HTML, CSS, PHP, and JavaScript.
 - Built a mobile application using Java (Android) for event management, reaching over 10,000 users.
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Education

Tecnológico Nacional de México – Campus Zacatepec
Bachelor's Degree in Computational Systems Engineering
August 2017 – December 2021

Technical Skills

Programming Languages & Technologies

- Backend: Python, Node.js, Java (Spring Boot), REST & SOAP APIs.
- Frontend: Angular, JavaScript, TypeScript.
- Cloud & Databases: GCP, Oracle, PostgreSQL, MySQL, MongoDB, Redis, Cassandra.

Specialized Expertise

- Process Automation: RPA (IBM BAW, Pega), BPM.
 - Cloud & DevOps: GitHub, CI/CD, Cloud Migrations (GCP).
 - AI & Data Science: Data processing, chatbot integration, automation solutions.
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Languages

- Spanish: Native
- English: Professional Working Proficiency