

Demian Romero Bautista

📍 Mexico City, Mexico | ✉ demian0106@gmail.com | ☎ 55 5407 1782 | 🌐 demian-romero-bautista-a245a2196

👤 DemianRom

Summary

Top-tier Computer Systems Engineering student at **ESCOM-IPN** (GPA: **9.72/10**) specializing in **SAP ABAP** development.

Hands-on experience building **5+ enterprise-level applications** completed **TAW10/12** training focused on process automation and data efficiency.

Proven technical leader and **competitive swimmer**, combining peak academic excellence with professional discipline.

Education

B. S. Instituto Politécnico Nacional (ESCOM) , Computational Systems Engineering	Mexico City, Mexico Jun 2023 – Dec 2026
<ul style="list-style-type: none">• GPA: 9.72/10 (Ranked among the top students of the generation).• Core focus on Object-Oriented Design, Relational Databases (RDBMS), and Algorithm Optimization.• Specializing in Natural Language Processing (NLP) and Data Mining electives to drive AI-powered enterprise insights.• Applying advanced engineering principles to master the SAP ABAP TAW10/12 framework and Cloud integration.	

Experience

SAP Learning Hub (Official Training) , Junior ABAP Developer Trainee	Remote Sep 2025 – Present 5 months
<ul style="list-style-type: none">• Mentorship under Omar Romero Aldana, applying enterprise-grade best practices in ABAP Workbench (SE80) and Data Dictionary (SE11).• Optimized data modeling via Transparent Tables, Views, and Search Helps; mastered Open SQL for efficient queries (JOINS, FOR ALL ENTRIES).• Developed Dialogue Programs (Dynpros) using PBO/PAI logic, Screen Programming, and complex Selection Screens.• ABAP Objects (TAW12): Engineered applications using Global/Local Classes, Interfaces, Inheritance, and Design Patterns.• Implemented Object-Oriented ALV Grid with custom event handling and mastered Exception Handling.	
Tlaliware (Startup/Project) , Founder & Technical Director	Mexico City Dec 2024 – Jun 2025 7 months
<ul style="list-style-type: none">• Spearheaded strategic decision-making for product development and technology stack selection.• Managed cross-functional teams to align technical goals with business objectives.• Led project roadmapping and resource allocation to ensure timely delivery of solutions.	
ESCOM IPN Technical Projects , Software Engineering Student	Mexico City Jan 2024 – Present 2 years 1 month
<ul style="list-style-type: none">• Estudia-Pro (Web App): Architected a full-stack educational platform using Django (Python) and relational databases.• Java Chess Game: Developed a complete Chess game in Java leveraging advanced Object-Oriented Design Patterns.• IP Subnet Calculator: Created a high-precision VLSM calculator in Python capable of calculating unlimited subnets for complex network topologies.• Automata and Compiler Design: Developed a lexical analyzer in C to recognize and validate reserved keywords.	

Skills

SAP Development: ABAP Objects (**TAW12**), DDIC (SE11), Workbench (SE80), Dynpros (PBO/PAI), Open SQL, BAPIs, RFCs.

Programming: SAP NetWeaver, SAP GUI, GitHub, **Python (Django)**, **Java** (OOP), C, VHDL, SQL, HTML, **JavaScript**, CSS.

Networking: OSPF, Subnetting (VLSM), OSI Model, Wireshark.

Languages: English (Intermediate-Advanced), Spanish (Native).

Honors and Awards

- SAP Learning Hub Student Edition Verified (2026).
- Competitive Swimmer: Currently preparing for regional competitions; demonstrated high-level discipline.
- **Santander** Academic Excellence Scholarship (Becario de Excelencia Académica).