

PROFESSIONAL SUMMARY

Software Engineer and AI Specialist. Expert in architecting hybrid automation ecosystems that blend high-code solutions (Python, Azure, APIs) with enterprise platforms (Power Platform) to solve complex financial challenges. Proven track record of deploying Generative AI agents and scalable backend integrations that reduce operational risk and manual FTW overhead in the banking sector.

WORK EXPERIENCE

Banco Popular
Software Engineer – AI & Automation

- Engineered and deployed automated business applications using Automation Anywhere, Python, and APIs, eliminating the manual effort of one FTE.
- Developed custom AI-assisted tools using Microsoft Copilot and intelligent workflows that enhanced productivity and decision-making.
- Designed and integrated automation pipelines connecting Power Apps and Power Automate with backend systems for improved scalability.
- Partnered with business stakeholders to identify automation opportunities and deliver end-to-end software solutions aligned with enterprise goals.

2025 – Present

Banco Popular
Business Systems Liaison

- Developed and optimized SQL queries and scripts to feed the “CACS X” core banking modernization project, ensuring data integrity during migration.
- Built and tested scripts for new applications and production rollouts, ensuring smooth system integrations.
- Collaborated across departments to translate business needs into technical requirements and functional designs.
- Contributed to high-impact initiatives such as the SMS system for delinquency management and the CACS X Core Team, implementing modernized digital strategies.

2023 – 2025

Banco Popular
Quality Assurance Representative

- Conducted software testing, QA validation, and process audits to ensure reliability and compliance of internal systems.
- Created and maintained over 10 Power Apps to digitize workflows, improving automation efficiency by 20%.
- Designed scalable, testable features and optimized internal inspection tools to enhance performance.

2022 – 2023

EDUCATION

Universidad Interamericana de Puerto Rico
B.S.c in Computer Science

2024

Universidad Ana G. Mendez
MBA in Finance

Current

SKILLS

- Programming Languages: Python, C#, C++, SQL, HTML, CSS, Java, JavaScript.
- AI & Automation: Azure OpenAI Service, RAG architectures, Microsoft Copilot Studio, Power Automate, AI Agents.
- Development Tools: Git/GitHub, Docker, Postman (API Testing), Azure DevOps.
- Business: Financial Modeling, Risk Analysis, Agile/Scrum Methodology, Process Architecture.