

Karla Colmenares

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SUMMARY OF QUALIFICATIONS

Computer Engineer with professional experience in AI-powered automation, software development, Microsoft Power Platform, cloud technologies, and machine learning. Experienced in translating business requirements into technical solutions using Python, Power Apps, Power Automate, AI Builder, Dataverse, and Azure. Background spans client-facing consulting, embedded systems, cybersecurity, and logistics. Bilingual in English and Spanish.

WORK EXPERIENCE

AI/ML & Software Engineer

June 2026 – Present

Zensar Technologies / Microsoft Launchpad

- Support Microsoft-focused software engineering and AI solution development through its LaunchPad program, contributing to intelligent tools using Python, Microsoft Power Platform, Azure, and modern development practices.

AI/ML Consultant

June 2025 – December 2025

TechnoAerospace- Miami, FL

- Develop an AI-powered solution to automate purchase order (PO) data entry and part recognition, reducing manual workload and errors.
- Design and train machine learning models using Microsoft PowerApps, AI Builder and Dataverse to extract and classify PO information.
- Create automated workflows with Power Automate to integrate PO data into company systems, enhancing efficiency and accuracy.

Pricing Specialist

June 2024 – May 2026

Promptus LLC- Miami, FL

- Develop and manage logistics quotes for national and international shipments, ensuring accurate pricing and effective cost analysis.
- Handle hazardous materials shipments, ensuring compliance with safety and legal regulations.
- Collaborate with teams and clients to resolve any discrepancies or issues related to pricing and shipment details.

CSR-Customer Service Representative

May 2023 – May 2024

FortiFi Financial Services, Inc- Miami, FL

- Efficiently process incoming calls and manage action item requests, ensuring top-tier quality experiences for clients throughout the loan lifecycle.

EDUCATION

Florida International University

Bachelor of Science in Computer Engineering

Graduated April 2025

Florida International University

Master of Science in Computer Engineering

Graduating: December 2027

SKILLS

- **Programming Languages:** Proficient in C, C++, HTML, CSS, Python, Java, and JavaScript.
- **Microsoft & Cloud Computing:** Power Apps, Power Automate, Dataverse, Azure ML, Azure Blob Storage, Azure DevOps.
- **Embedded Systems:** Raspberry Pi, RealSense D415, Altium Designer, KiCad, Arduino.
- **Cybersecurity:** Kali Linux, Metasploit, Wireshark, Nmap, Burp Suite, Visual Studio, VS Code.
- **AI & Machine Learning:** Experience with scikit-learn, Jupyter, PyTorch, TensorFlow/Keras, AI Builder.

CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals
- Microsoft Office Specialist Master Certification (MOS)
- IBM SkillsBuild Project Management Fundamentals

PROJECTS

Wireless 3D Scanning Device – Senior Design Project

- Designed and developed a wireless 3D scanning device using a RealSense D415 camera and Raspberry Pi 5.
- Integrated machine learning for real-time data processing and noise reduction of 3D scan data, using Azure ML for model deployment.