

JOSE BARRERA

Tyler, TX | 903-787-2814 | jfbarrera777@pm.me | linkedin.com/in/jf-barrera

TECHNICAL SKILLS

Systems & Networking: TCP/IP fundamentals, IP addressing, basic network troubleshooting, Windows

Software & Data: SQL, Python, REST APIs, relational databases

Engineering Tools: Intergraph G/Technology GIS, Google Earth Pro, Microsoft Excel

Methods: Technical troubleshooting, requirements analysis, data validation, technical documentation, workflow improvement

PROFESSIONAL EXPERIENCE

Network Designer

TechServ Consulting & Training | Tyler, TX | January 2026 - Present

Support electric distribution design projects for TechServ's utility client, Oncor Electric Delivery.

- Manage assigned electric distribution work orders through project review, design development, permitting coordination, quality corrections, and final design documentation.
- Interpret client standards, field records, equipment data, and project requirements to develop GIS-based designs in Intergraph G/Technology for pole replacements, equipment transfers, crossarm work, and related maintenance projects.
- Coordinate with design team members, client representatives, permitting personnel, field personnel, and subject matter experts to resolve missing or conflicting information and advance projects.
- Use WAaM, SharePoint, and Excel to track work-order status, maintain project records, organize design documentation, and document technical decisions.

Junior Software Developer

Cabra Software | Tyler, TX | January 2025 - November 2025

- Developed and maintained a web-based storage facility management platform using React, TypeScript, API routes, and relational database technologies.
- Built workflows supporting rentals, billing, payments, reservations, customer records, and facility operations across the user interface, application logic, APIs, and database.
- Investigated software defects, clarified incomplete requirements, and implemented fixes and features in an early-stage product environment.
- Assumed increased ownership of application maintenance and feature development as the development team changed.

EDUCATION

Bachelor of Science in Computer Science

The University of Texas at Tyler | Tyler, TX | December 2024