

STEVEN CHAPEL

ENGINEERING MANAGER | SOFTWARE PROGRAMMER | DATA ARCHITECT

CONTACT

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TECHNICAL PROFICIENCIES

SQL Server

Windows Server Admin

Visual Studio Pro

SonicWall

ESRI ArcGIS

ESRI ArcObjects

AutoCAD

Oracle

PROGRAMMING LANGUAGES

SQL

VB.NET

C#

ASP.NET

UWP XAML

HMTL

XML

JavaScript

Python

Visual Basic

C++

EDUCATION

BACHELOR OF SCIENCE

Computer Science

Pennsylvania State University

(111 completed)

CORE QUALIFICATIONS

- **Project Management:** Adept at coordinating across a complex network of internal and external parties to accomplish multi-faceted tasks with a high number of moving parts
- **Process Improvements:** Adept at analyzing production and service delays to design automation and other technology-based solutions that improve efficiency and remove roadblocks and backlogs
- **Database Expertise:** 17 years of experience working with data in all forms: binary data structures, XML, SQL Server, Oracle, Access, and many others, in addition to building and maintaining interfaces between a variety of systems, including GIS, CIS, MIS, and Staking; highly proficient at automating data migration
- **Programming Expertise:** Highly skilled at application development in a variety of environments for Windows, web, and handheld devices

PROFESSIONAL EXPERIENCE

ENGINEERING MANAGER, Chapel Mapping, June 2003-December 2019

- Oversaw a 4-person department responsible for providing software, technical support, and accurate GPS asset inventory to electric companies
- Created full mapping applications for electric companies to use to track assets, including software for field crews to keep the data up to date and integrate it with third-party software packages
- Built field crew management applications for internal crews and software for internal production workers with programs to seamlessly migrate the data from handhelds to the main server, as well as programs that automatically input that data into a database
- Served as the primary point-person between electric company engineers and project managers, third-party software companies, and internal field crews and production staff to resolve issues
- Ensured all software worked continuously for production workers and field crews, minimizing downtime due to software issues
- Developed automation efficiencies to increase production, particularly in consistently problematic areas
- Delivered finished products to electric company engineers, immediately addressing any issues with the data or software deliverables
- Conducted a complete inventory of the assets of every pole, including all pole accessories, and underground structure for 15+ electric companies
- Created an inventory database with millions of data points with 99%+ accuracy
- Performed final quality control checks on all data being delivered using hundreds of queries and smart point checks to ensure accuracy and data integrity before personally sending it to the customer