

# Mary Ann Selander

Software Engineer

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**Over 25 years of professional experience**

Microsoft Certified Professional ID 1127030

[MSelander@Yahoo.com](mailto:MSelander@Yahoo.com)

704.303.5334

- ☐ Specializing in Distributed Data-Driven Software Systems.
- ☐ Broad experience across diverse industry domains (including Technology Products and Servers, Finance, Healthcare, Hospitality, Insurance, Retail, State Government and Utilities).
- ☐ Solid systems analysis, requirements management and solutions design skills.
- ☐ Excellent communication and negotiation skills. Ability to work effectively with non-technical stakeholders of all levels. Approachable. Eager to teach and to learn.
- ☐ Full Stack Development Experience including .Net, Asp, C#, Win/WebForms, MVC, WPF, WCF, REST, EF.
- ☐ Deep understanding of architectural and design principles and patterns and their implementations, including Repositories. Factories. Interfaces, Dependency Injection.
- ☐ Champion of Code Reuse and Abilities: extend, interop, maintain, scale, support, verify
- ☐ Confident. Proactive. Self-Motivated. Independent Learner. Initiative Taker.
- ☐ Risk - Conscious and Security - Aware. Familiar with data privacy and regulatory compliance considerations – federal, state and industry. **OWASP Top Ten**
- ☐ SDLC Savvy. Familiar with Pipelines, Automation, Testing and Metrics. Git. TFS/VSO, Branches, Pull Requests, Jira, Confluence.
- ☐ SQL Server Management Administration, Operations, Development and Integrations. OLTP + OLAP. Relational + Dimensional. DDL + DML. SSIS Proficient.
- ☐ DevOps experience. Troubleshooting. Monitoring. SQL/IIS/Windows Administration. SSL Certificates. SSO Identity Management. Encryption. Multi-Factor Authentication.
- ☐ Data Governance, Regulator Compliance, Privacy, Security and Encryption
- ☐ ITIL framework - Change/Incident/Request/Release management

## **Professional Experience**

### **Healthstat Inc.    Charlotte, NC    May 2018 – May 2019    .Net Developer**

- ☐ Implemented Dev Team intranet portal- Net 4.5.2 ASP/MVC
- ☐ Refactored corporate Outreach solution to optimize operations and data management
- ☐ Developed corporate Data Exchange applications and custom integrations
- ☐ Published detailed application specifications and documentation on Confluence
- ☐ Managed SDLC for several SQL Server data servers and a dozen databases
- ☐ Supported and enhanced web applications and APIs for corporate products and services
- ☐ Implemented custom encryption processes for client, partner and vendor data integration
- ☐ Managed core libraries for api integrations with Twilio, Sendgrid and SurveyMonkey
- ☐ Developed extensive data structures and sql procedures for complex requirements
- ☐ Championed compliance initiatives, including data masking and encryption
- ☐ Partnered with Data, Reporting and Support teams for DevOps SDLC evolution
- ☐ Provided operational support including troubleshooting, query profiling and tuning
- ☐ Created data marts and metrics for management reporting and monitoring
- ☐ SQL Database Administration for all internal and external non-production data servers
- ☐ Exposure to CI/CD and TDD methodologies including DI/IoC and mocking

### **Delhaize / Ahold    Salisbury, NC    October 2017 – January 2018    Systems Analyst**

- ☐ Analyzed and documented technical architecture of departmental applications portfolio
- ☐ Delivered technical support for corporate merger and operational consolidation
- ☐ Provided transitional management of offshore development efforts and resources
- ☐ SQL Database Administration for all internal and external non-production data servers
- ☐ Served as SQL Database Administrator for non-production data servers
- ☐ Corporate Data Governance, Systems Analysis and Architectural Oversight

### **Bank of America    Charlotte, NC    October 2015 – July 2016    Database Developer**

- Refactored existing SSIS packages for data source decommission/migration efforts
- Supported .and extended solutions for evolving business and compliance requirements
- Contributed to architecture /design specifications for Hadoop implementation
- Implemented custom SQL Caching solution for .Net web applications

**Lending Tree    Charlotte, NC    October 2015 – July 2016    SQL DBA Developer**

- ☐ Delivered enhancements and provided operational support for SSIS data integrations
- ☐ Participated in the development of new data and web applications and system interfaces
- ☐ Coordinated offshore development efforts and promoted logistical collaboration
- ☐ Implemented ODSs with SQL Service Broker – scale out and asynchronous triggers

**Hewlett Packard    Charlotte, NC    July 2013 – February 2014    Software Engineer**

- Lead efforts to upgrade and remediate web solutions and vendor integrations
- Maintained SQL databases, stored procedures, triggers, functions and views
- Performed troubleshooting and code modifications to reduce database contention
- Provided technical support to internal delivery teams for optimized service scheduling
- Maintained and extended data integration with clients and vendors

**Bank of America    Charlotte, NC    December 2012 – July 2013    SQL Developer**

- ☐ Implemented custom supportability framework for complex SSIS integrations
- ☐ SQL/SSIS development for new and existing web and ETL processes and interfaces
- ☐ Mentoring and developed complex SQL queries, procedures and dataflows
- ☐ Implemented reporting repository with multi-server Service Broker solution

**Wells Fargo    Charlotte, NC    January 2011 – June 2012    Software Developer**

- Maintained operational datastores and related processes for monthly data integration
- Facilitated centralized analytics and operational reporting for regulatory compliance
- Developed custom frameworks for the management and maintenance of SSIS packages
- Promoted SDLC processes, tools and metrics to ensure quality solution delivery

**Bank of America    Charlotte, NC    March 2010 – July 2010    SQL Server DBA**

- Developed custom metrics and analytical reporting for call center operations
- Supported and maintained corporate data warehouse integrations
- Designed corporate SQL data repository with custom sharding algorithms
- Vendor Integrations, departmental datamarts, centralized reporting

**Duke Energy    Charlotte, NC    October 2008 – September 2009    Systems Analyst**

- Architectural design, configuration, extension and implementation of a vendor solution
- Systems analysis, requirement management, quality assurance process

**Compass Group    Charlotte, NC    September 2001 – September 2008    .Net Developer**

- Lead development of custom application for inventory and accounting operations
- SQL Server Database management and enterprise reporting with SSRS, Cognos, BO
- ITIL - Performed Architectural Oversight and SDLC Governance

**Renaissance Interactive   Columbia, SC   March 1998 – August 2001   Solution Engineer**

- System, Application, Database Management, Administration, Development and Operations of custom web applications and hosting solutions

**Affinity Technologies   Columbia, SC   August 1997 – March 1998   DBA Developer**

- Sybase Server 11 –

**State of South Carolina   Columbia, SC   June 1995 – July 1997   Application Developer**

- Child Support Enforcement – Implemented centralized data management solution
- Department of Revenue – Developed web solutions for online tax payments
- Department of Mental Health – Developed applications for patient tracking
- Department of Transportation – Designed traffic mapping and monitoring application

**SC Electric & Gas   Columbia, SC   December 1994 – May 1995   Programmer**

**Policy Management Systems   Blythewood, SC   November 1993 – November 1994**

**Duke Power   Charlotte, NC   September 1989 – September 1993   Programmer Analyst**

## **Formal Education**

**Winthrop College   1989 – Bachelor of Science – Computer Science / Applied Mathematics**  
**Lancaster High School   -- 1985**

## **Microsoft Certifications**

**MCSD/MCDBA   1998 & 2004   Microsoft Certified Professional ID: 1127030**

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