

# CAROLINE WALLIS

715-209-1093

[CarolineLWallis@gmail.com](mailto:CarolineLWallis@gmail.com)

## WORK EXPERIENCE

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**C.G. Bretting Manufacturing, Inc.** March 2017 - Present

**Programmer Analyst/Database Administrator**

### Concurrent Responsibilities:

#### Application Developer

- Design, develop and deploy custom applications, that have an intuitive frontend UI and backend relational database.
- Create applications and processes to integrate third-party software.
- Design applications that allow users to search, view, export, or modify information in a database. This functionality is sometimes integrated into a central Dashboard.
- Query existing database silos to integrate data in a meaningful manner that can be viewed or exported as a report or spreadsheet.
- Develop tools to make CRUD operations safer.
- Maintain, enhance, or replace custom legacy applications and reports.

ERP System Administrator – As the ERP system admin I am responsible for all aspects of the ERP software.

- Create customizations and reports within the ERP software.
- Perform updates and upgrades to the ERP application, as well as all servers hosting the ERP system. Organize and evaluate user testing, resolve issues with customizations or the upgrade process.
- Manage databases: by creating jobs, maintenance plans, and logins; monitor database performance; document a recovery strategy.
- Provide end user support and work with vendor tech support to document and resolve software defects.
- As a team member, investigate current business processes to integrate data silos into the ERP database. Expand use of ERP capabilities for centralized data storage.

#### Project Leader

- Work with end users to identify opportunities to enhance or streamline a business process through technological means.
- Outline the project scope, create a solution, present a solution for user testing, and rectify any issues discovered in user testing. After final approval, deploy to the production environment.

**Bad River Band of Lake Superior Chippewa Tribe** June 2016 – March 2017

#### IT/Programmer

- Created web pages for the Tribe's website, using PHP, CSS, HTML, WordPress
- System Admin tasks: Microsoft Exchange, Active Directory, Security.
- Installed, upgraded, and documented licensed software.

## TECHNICAL SKILLS

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- RDBMS: Microsoft SQL Server, SQLite, MySQL
- SQL Server Reporting Services (SSRS), SQL Server Profiler
- .Net Framework, C#, SQL
- ASP.NET, PHP, JavaScript/jQuery, HTML, and CSS
- Visual Studio, DevExpress, Subversion
- SCCM
- Project Management

## EDUCATION

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**A.S. Web and Software Developer** | 4.0 GPA

Wisconsin Indianhead Technical College, New Richmond, WI

**B.S. Chemistry** | 3.9 GPA

Western Michigan University, Kalamazoo, MI