AARON SIERP

Lexington, KY | 859.420.4144 | aaronsierp@gmail.com | aaronsierp.com | github.com/AASierp | linkedin.com/in/aaron-sierp

SOFTWARE DEVELOPER | C#/.NET | JavaScript | SQL | React | Node.js

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SUMMARY

Software developer with hands-on experience in C#/.NET, SQL, JavaScript, React, and Node.js. 10+ years in Electrical & Instrumentation with proven skills in problem-solving, troubleshooting, and project execution. Recent contract work includes enhancing web applications with document management features and custom data processing automation tools. I am primarily interested in creative problem solving and continuous learning. Pursuing software development has allowed me to satisfy my genuine curiosity for learning while building solutions that solve real problems.

TECHNICAL SKILLS

Languages & Frameworks: C#, .NET, ASP.NET, Entity Framework, SQL, JavaScript, React, Node.js, Express.js, HTML, CSS, Postgres

Tools & Platforms: Visual Studio, Git, ClosedXML, HTML Agility Pack, Google Drive API

Core Competencies: Problem-Solving, Project Management, Troubleshooting, PLC Programming, Team Collaboration

PROJECTS

TaskForge -- Full-Stack Kanban Board Application

React, Node.js, Express.js, SQLite, HTML, CSS

- Developed a Trello-style Kanban board with drag-and-drop task management.
- Built REST API with Express.js and SQLite for task CRUD operations.
- Implemented session-based authentication with express-session and bcrypt for secure user login.

Real Estate Listing Aggregation Application

C#, ASP.NET MVC, Entity Framework Core, SQLite, HTML Agility Pack

- Created a property listing scraper to collect and organize data by price, address, and url.
- Built a filtering interface for easy sorting and viewing of results.

Time Sheet Filter Application

C#, WinForms, ClosedXML

- Automated Excel file filtering to identify non-compliant breaks, lunches, and readiness events.
- Reduced audit time by generating a clean, formatted output file.

PROFESSIONAL EXPERIENCE

Developer -- Contract

Safety Net Alliance of Northern Kentucky, Louisville, KY | Jun 2025 -- Present

- Added embedded Google Drive folder integration to website for document upload and viewing.
- Made web page modifications to improve user experience and content access.
- Updated and maintained site features based on client requirements.

Senior E&I/I&C Technician / Site Laser Safety Officer

The JM Smucker Co., Lexington, KY | Oct 2010 -- Jun 2025

- Led in-house DeviceNet-to-Ethernet conversion project, saving over $100,000.
- Installed and maintained instrumentation and control systems.
- Provided laser safety compliance oversight and personnel training.
- Mentored and trained new hires in E&I systems.

Field & Lab Technician

University of Kentucky -- Program for Archaeological Research | 2009 -- 2010

- Participated in archaeological excavations (Phase 1--3).
- Analyzed and cataloged artifacts; prepared technical reports.

EDUCATION

Software Development / Web Development -- CODE:YOU, Louisville, KY -- Completed: Mar 2024 & Aug 2025

Bachelor of Arts in Anthropology (Minor: Linguistics) -- University of Kentucky, Lexington, KY -- May 2009