

Aaron Sierp

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

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 building web applications with document management features and automation tools.

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 – Jul 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