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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 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.