# Cody Sheridan

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Senior Full Stack Software Developer

## Experience

**Pratt & Whitney**                                                                                       East Hartford, CT

*Senior Full Stack Software Developer*                                                       Nov. 2023 – Present
- Core developer for an internally facing enterprise application that serves over 5,000 global users built with Angular, C#, SharePoint, AgilePoint, and SQL.
- Upgraded Angular Core and Material libraries from v10 to v15, resolving upgrade-related issues to improve application stability and performance.
- Agile champion for team, achieving internal "Agile Champion Certification" and continuing Scrum@Scale training to foster agile best practices.
- Mentor and code reviewer for two offshore junior developers, balancing mentoring responsibilities with personal tasks.

*Full Stack Software Developer*                                                               Nov. 2021 – Nov. 2023
- Core member on the OACIS team, a cross-functional group focused on enhancing manufacturing efficiency and quality using real-time data analytics and Azure cloud technologies.
- Led development of a .NET Core and React-based interface to capture critical metadata, closing data gapes in the OACIS pipeline, while ensuring alignment with the project's strategic objectives.
- Engineered Python ETL solutions to transform raw machine data into formats optimized for online analytical processing and long-term cloud storage, supporting advanced manufacturing insights.
- Achieved measurable results, reducing machining cycle time by 4.4 hours per part across 43 connected machines, driving $574,000 in annual savings.

**Lee Company**                                                                                              Westbrook, CT

*Programmer*                                                                                            Jan. 2019 – Nov. 2021
- Developed a parts tracking application using .NET MVC, JavaScript, SQL, and Bootstrap to monitor daily output of shop floor machines, eliminating manual data entry and enhancing operational efficiency.
- Streamlined data management processes by creating custom PowerShell scripts that formatted, renamed, and securely archived Excel files.
- Built console application using SQL, PowerShell, and Batch scripting to generate monthly CPK (process capability) reports, providing key insights into quality control metrics and ensuring compliance with industry ISO 9000 standards.

## Skills

C#, TypeScript/JavaScript, React, Angular, Python, SQL, PowerShell, Linux, Agile Methodologies, CI/CD

## Education

**Fairfield University, School of Engineering and Computing**                              Fairfield, CT

*Master of Science in the Management of Technology*                                            *May 2022*
- **Coursework:** Software Design Method, Information System, Introduction to Information Security, Strategic Management of Technology & Innovation, Global Competitive Strategy
- **Honors:** Summa cum laude (2022), Tau Beta Phi Engineering Honor Society (2022), Alpha Sigma Nu Jesuit Honor Society (2021)

**Temple University, Tyler School of Art**                                                       Philadelphia, PA

*Bachelor of Architecture*                                                                                    *May 2014*
- **Coursework:** Intermediate Algebra, Differential and Integral Calculus, Structural Analysis, Architectural Design