





# Chayce Reed

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Boston, MA 

## Objective

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MES and software consultant with expertise in agile delivery, systems integration, and data-driven solutions. Focused on helping teams streamline operations and solve high-impact problems through scalable, efficient systems.

## Education

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### University of Massachusetts Amherst

2015 - 2019

Bachelor of Science in Chemical Engineering  
Concentration in Biochemical Engineering

## Experience

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### BMS

2023 - Current

#### Senior Software Engineer, Enterprise MES

Product Owner, worked with stakeholders to define product vision and deliver features that align with business goals.  
Scrum Master, led daily standups to streamline processes and ensure timely delivery of high-quality software features.  
Created and optimized SQL stored procedures and database tables to manage, query, and interpret large complex datasets.  
Developed a full-stack C# .NET web application with interactive UI for configuring and establishing connections with equipment, enabling real-time data exchange.  
Developed JavaScript displays for real-time data visualization, creating user-friendly dashboards to improve operational efficiency by providing quick access to key metrics.  
Created and deployed Tableau dashboards, integrating with live data connections, delivering real-time visualizations to improve decision-making and operational performance.  
Created operations, work instructions, and behaviors using Syncade Recipe Authoring and Behavior Editor.  
Managed source control and collaborative development using GitHub, ensuring efficient code management across agile teams.

### EIS

2022 - 2023

#### MES Consultant, BMS Partner

Developed recipes using Syncade Recipe Authoring, leveraging data analysis to enhance recipe development and ensure alignment with site-specific business requirements.  
Created SQL queries to extract and analyze to identify discrepancies, optimize processes, and maintain data integrity across manufacturing operations.  
Led business requirement gathering efforts, coordinating and collaborating with MS&T, QA, and MO to ensure that components met operational standards and business objectives.  
Supported IQ, UT, and STUAT efforts for system validation and qualification, ensuring compliance with business requirements and manufacturing best practices.  
Participated in the MES Lean Leadership Cohort, applying data-driven approaches to streamline processes and improve operational efficiency.

### Moderna

2021 - 2022

#### Manufacturing Associate, Lead

Led mRNA manufacturing operations for the COVID-19 vaccine, overseeing critical production processes and ensuring compliance with regulatory standards.  
Planned and directed day-to-day manufacturing operations to optimize batch time.  
Actively contributed to continuous improvement teams, applying tools like 5S visual management to enhance workplace organization and operational efficiency.  
Wrote and executed SOPs under GMP and GDP regulations, ensuring strict adherence to regulatory and quality standards.  
Assisted with batch record review and SAP reconciliation.  
Participated on continuous improvement teams and implemented continuous improvement tools, such as 5S visual management.

## Proficiencies

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**Programming Languages:** SQL, C#, Python, JavaScript, VBScript

**Tools and Technologies:** GitHub, .NET, Jira, Trello, Tableau, Power BI, Excel, Syncade, OPC UA

**Other:** MERT Certified, Product Owner, Scrum Master, Lean Leadership