

Bryce Chesley

Software Engineer

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PROFESSIONAL SUMMARY

Full-stack software engineer with production ownership of an enterprise operations platform built with Vue 3, Node.js, Express, SQL Server, and NetSuite, plus a manufacturing execution system (MES) that automates ERP transactions from live plant-floor data. Experienced across the software development life cycle, including RESTful service design, secure OAuth-based integrations, end-to-end testing, production troubleshooting, dependency analysis, and cross-functional support.

TECHNICAL SKILLS

Frontend: Vue 3, JavaScript, HTML, CSS, Pinia, Bulma

Backend & APIs: Node.js, Express, RESTful Web Services, OAuth 1.0a, PM2

Data & Enterprise: Microsoft SQL Server, SQL, SuiteQL, NetSuite, SuiteScript

Languages: JavaScript, C#, C++, Python; Object-Oriented Programming

Development: Git, GitHub, VS Code, SDLC, end-to-end testing, root-cause analysis

AI Tools: Claude Code, ChatGPT; AI-assisted debugging, review, and documentation

EXPERIENCE

SunTado, Burley, ID — Software Engineer

JUNE 2025 - PRESENT

- Developed and maintained SunApps, a production enterprise operations platform built with Vue 3, Node.js, Express, SQL Server, and NetSuite and used daily by approximately 95% of active staff across warehouse, QA, packaging, production, and management teams.
- Sole author of a manufacturing execution system (MES) service that reads real-time process data from the plant's SCADA historian, reconstructs production batches, and posts matching NetSuite transactions automatically with zero operator data entry.
- Designed, documented, and supported RESTful API workflows and secure OAuth 1.0a integrations for work orders, item receipts, fulfillments, inventory adjustments, QC release, bin transfers, and lot traceability.
- Built custom NetSuite integrations that replaced major RF-SMART warehouse and inventory workflows, eliminating a third-party system with an annual licensing cost of approximately \$250,000.
- Created at least 80% of the Vue frontend and refactored a monolithic Node.js/Express API into four independent services, analyzing upstream and downstream dependencies to reduce deployment risk and improve maintainability.
- Performed end-to-end testing, troubleshooting, and root-cause analysis across applications that now post over 90% of the company's ERP transaction lines automatically (1.4M+ lines in 2026).
- Built an automated backflush and consumption system that improved contemporaneous production tracking from approximately 20% to 95%, strengthening inventory accuracy and record reliability.
- Partnered with teams across the plant to turn business needs into shipped software; primary SunApps support resource and subject-matter expert.

Walmart, Boise, ID — Digital Associate

JANUARY 2022 - MAY 2025

- Fulfilled online pickup and delivery orders in a fast-paced, metrics-driven environment.
- Trusted subject-matter expert for department workflows; routinely assigned complex tasks.

EDUCATION

Brigham Young University-Idaho — Bachelor of Science in Software Engineering

SEPTEMBER 2022 - JULY 2025

Idaho State University — Associate of General Arts

SEPTEMBER 2018 - MAY 2020