Jay Bennett

Senior Software Engineer | .NET · SQL Server · Full-Stack

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SUMMARY

Senior software engineer with 15+ years building .NET and SQL Server applications for Target, Best Buy, U.S. Bank, and Wells Fargo, now shipping modern full-stack products. Designs back-end databases, data integrations, and application features end to end, and recently architected a production multi-tenant SaaS platform with role-based security and automated test coverage. Strong where application code meets data: schema design, ETL, and performance.

CORE SKILLS

Languages: C#, VB.NET, T-SQL, Python, TypeScript/JavaScript, VBA

Frameworks & Data: .NET, Visual Studio, SQL Server, SSIS/SSRS, React, Node.js, Supabase/Postgres

DevOps: Azure DevOps, TFS, Git/GitHub, CI/CD, Playwright, Docker

Cloud: AWS, Azure, Claude & OpenAI API integration

EXPERIENCE

Independent AI Development | Consultant & Builder — Jan 2026 – Present

- Legacy modernization tools: an Excel Logic Extractor (React, Claude API, SheetJS) that pulls embedded business logic out of workbooks, and a SQL stored procedure debugger demo with explain, optimize, and dependency actions. Both parse files directly with no server connection
- Council: multi-agent web app where five specialist agents analyze a question in parallel and a judge agent reconciles them. Next.js and Supabase with authentication and usage tiers
- Divorce tax planning engine: browser-based federal and Minnesota 2026 tax engine with child support calculator, scenario comparison, Claude-based document extraction, and 19 test profiles validated against the original Excel/VBA workbook
- WedgeLab: golf training platform pairing Apple Watch motion data with launch monitor readings. React and Vercel web app on a Supabase schema with row-level security, plus SwiftUI watchOS and iOS apps
- Advisor email parser for a financial advisor: standalone HTML tool and Excel VBA workbook that extract fields from Outlook email and draft replies, with a review step before anything is sent. Supports Azure OpenAI or Anthropic

Stack: Snowflake, Python, React, Next.js, Supabase, Claude API, AWS (Lambda, API Gateway, DynamoDB, S3, CloudFront), Vercel, Swift/SwiftUI

xBrezzo, LLC | Independent Consultant — Aug 2025 – Dec 2025

- Built a multi-tenant SaaS platform that lets tax practitioners collect, classify, and organize sensitive client financial documents
- Designed a Claude API document pipeline that classifies uploads and renames them to a standard Institution_AccountType_Name_Date convention
- Implemented row-level security (RLS), four-role access control, and multi-tenant data isolation on Supabase/PostgreSQL, with automated Playwright tests for each security boundary
- Built Supabase Edge Functions for case-summary generation; moved from OpenAI to Claude API after hands-on evaluation

Stack: Supabase (Postgres, RLS, Edge Functions), Claude API, OpenAI API, React, Playwright, GitHub, Claude Code

Deloitte | Senior Consultant — Jun 2023 – May 2025

- TN CCWIS Modernization (Snowflake): built Snowflake data models and ETL pipelines supporting Tennessee's child-welfare migration from a legacy platform to Salesforce
- Wrote Python automation that parses Salesforce metadata and report specs to generate data warehouse mappings, cutting manual modeling effort about 70% across four delivery tracks and producing 1,000+ Snowflake tables
- Oregon Health Authority: designed on-premises data marts and SSIS ETL, and built Power BI executive dashboards presented to agency stakeholders

Stack: Snowflake, Databricks, Spark SQL, Python, Salesforce, Azure, Terraform, PL/SQL, SSIS, Power BI

Augeo | SQL Developer — Mar 2022 – Jul 2023

- Built and maintained SSIS ETL pipelines, stored procedures, and ad-hoc queries for participant and performance data across client programs
- Migrated on-premises SQL Server workloads to AWS RDS/EC2, owning data loads and validation
- Diagnosed slow queries and load failures and implemented fixes; built proofs of concept for infrastructure improvements

Stack: SQL Server, SSIS, AWS RDS/EC2, Azure DevOps

1upHealth | Data Engineer (Contract) Apr 2021 – Jul 2021

- Onboarded new clients' FHIR healthcare data to meet a July 1 compliance deadline, configuring Apache NiFi flows to convert and load records
- Provisioned AWS EC2 and PostgreSQL environments with Terraform and Docker

Stack: AWS, Terraform, PostgreSQL, Docker, Apache NiFi

USCG LLC | Cloud Engineer (Contract) Oct 2020 – Mar 2021

- Designed cloud deployment pipelines for Python Flask web applications on AWS and GCP (Docker, NGINX, uWSGI) and introduced GitHub-based version control

Wells Fargo | Application Engineer (Contract) Feb 2020 – Apr 2020

- Analyzed business applications and data stores to identify sensitive data and drove remediation plans with application owners

RCIS | SSRS Report Developer (Contract) Oct 2018 – Feb 2019

- Enhanced SSRS reporting for crop-insurance operations (SSRS, C#, Azure DevOps)

U.S. Bank | Application Developer (Contract) Feb 2018 – May 2018

- Owned architecture, development, and deployment of back-end databases and SSIS data warehouse ETL
- Set up TFS and Visual Studio/SSDT environments and mentored developers on .NET

Wells Fargo | SQL Server Developer (Contract) Aug 2016 – Sep 2017

- Migrated manual risk data-source loads into production ETL, partnering with analytics and risk teams
- Built database, BI, and dashboard support for modeling and visualization; automated processes with PowerShell and SharePoint/SOAP

NovoLogix (CVS Health) | BI Developer (Contract) Sep 2015 – Jun 2016

- Built and modified SSIS ETL and SSRS reports supporting data warehouse operations; authored requirements, use cases, and data mappings

EARLIER EXPERIENCE

Capella University, BI Developer (2014–2015) · Target, .NET Developer (2013–2014) · Rust Consulting, SQL Server Developer (2012–2013) · Best Buy, .NET Developer (2011–2012)

U.S. Bank, Systems Analyst / Programming Analyst / Bond Operations (2006–2011): built Access/VBA and VB.NET applications that automated escheatment and bondholder operations

EDUCATION & CERTIFICATIONS

Professional Certificate, Applied Data Science, Thayer School of Engineering at Dartmouth (2021)

B.A., Psychology & Business, University of St. Thomas

Certifications: Snowflake SnowPro Core · Power BI Data Analyst (PL-300) · AWS Cloud Practitioner · Azure AI-900, AZ-900, DP-900 · Advanced Prompt Engineering & Generative AI (Deloitte)