

Target Role

Senior **.NET / Blazor & Data Engineering** position delivering secure web apps and governed analytics on Azure. Core value: architect/ship ASP.NET Core services and data pipelines (ADF/Functions) with Power BI governance (RLS, automation), CI/CD in Azure DevOps, and production-grade security.

Experience

Senior Data Engineer / .NET Engineer (Business Intelligence Architect) — U.S. Department of the Treasury — Nov 2022 to Present, Washington, DC/Full Remote

- Lead engineer for a 250+ user analytics environment; standardized runtime governance (Python/R), delivery practices, and secure .NET solutions.
- Built production ADF pipelines + Azure Functions for ingestion/transform/alerts; telemetry via App Insights/Log Analytics.
- AD password-expiry notification service + access dashboard (LDAP/T-SQL/DB Mail) exposing nested group, DB, and SSRS roles for audits/self-service.
- Designed daily ETL and dimensional models (SSIS/SQL) powering 100+ reports/dashboards; documentation & O&M in Azure DevOps.
- C# data-quality comparator: web-scraped IRS report metadata, reconciled HR warehouse, persisted diffs to SQL, visualized KPIs in Power BI.

Management & Program Analyst — Internal Revenue Service — Jun 2019 to Nov 2022, Cincinnati, OH

- Transitioned training analytics to Treasury's warehouse; consolidated 20+ PL/SQL scripts into a daily SQL model feeding 50+ dashboards (20M+ rows).
- .NET + SQL reconciliation utilities across three HR/payroll systems; bi-weekly diffs informed architecture fixes, improving integrity.
- Owned six HR dashboards with 500k+ views and 1000k+ stakeholders; reduced ad-hoc work and cycle time.
- Automated COVID-19 data pipelines (JHU GitHub / CDC APIs) with scheduled ingest/transform/publish.

Operations Research Analyst — Internal Revenue Service — Nov 2017 to Jun 2019, Cincinnati, OH

- Replaced ~\$3M legacy org-chart tool with governed solution; encoded HR hierarchy rules; trained users and drove adoption.
- Automated Workforce Snapshot to pay-period refresh; R-based outlier/forecasting and ingestion automation of 457 paginated records.

Internal Revenue Agent — Internal Revenue Service — Sep 2009 to Nov 2017, Cincinnati, OH

- EO SME & knowledge-management lead; authored Service-adopted guidance; delivered training to 250+ agents, cutting related questions >50%.
- Built automated KM metrics/reporting (monthly/quarterly/annual) for program performance.

Education

MBA, Murray State University — 4.0 GPA (Finance/Strategy/Analytics)

BS, Accounting, University of Kentucky

Certifications

Microsoft Azure Fundamentals (AZ-900) • Azure Data Fundamentals (DP-900) • Azure AI Fundamentals (AI-900)

Skills & Highlights

Languages/Frameworks: C#, ASP.NET Core (Web API, Razor/Blazor), LINQ, T-SQL, Python

Data & BI: SQL Server, SSIS, EF Core, DAX, Power BI (Service/Report Server), dimensional modeling

Azure & DevOps: Azure Data Factory, Azure Functions, Azure DevOps (Repos/Boards/Pipelines), Git, App Insights/Log Analytics

Security & Delivery: CSP/headers, validation, antiforgery, rate limiting; peer reviews & release governance

APIs/Tooling: Microsoft Graph, Power BI REST API, Database Mail, LDAP/AD, Markdown/Wikis