- Create, organize, and maintain MS SQL databases dictionaries, and schema documentation. Design and deploy data structures, triggers, functions, stored procedures, and views, create, and assess queries and reports.
- Apply and document change management plan. Resolve database access and performance issues.
- Interface with developers, network, virtualization, application, storage, and systems operations teams to test and resolve any type of problem/tickets with applications and database systems.
- Troubleshoot, provide guidance in database, server issues as infrastructure to configuration settings for optimal database performance

Marketing Data Analyst   **Aug 2019 – Jun 2021**
Asurion, Nashville TN
- Ensures compliance with regulatory requirements for data security during acquisition, transfer, storage, and archiving.
- Responsible for Managing and designing the reporting environment, including data sources, security, and metadata.
- Responsible for the Extraction, transformation, and a load of data using SQL and/or Informatica.
- Using Power BI to Develops dynamic, scalable, and effective dashboards including related KPIs/ metrics for visual analysis.
- Data Visualization using R Studio and Tableau for Analyzing and Preparation of weekly and Monthly statements.
- Assistance with revamping an app registration report for one of our clients: including validating counts, working with stakeholders and developers, and understanding metrics.
- Providing technical expertise on data storage structures, data mining, updates, deletion, and data cleansing.
- Optimized data collection procedures and generated reports on a weekly and monthly basis.
- Managing users & user roles using advanced Microsoft Excel to create pivot tables & pivot reporting, as well as use VLOOKUP function.
- Looking at store performance multiple months to identify stores to target for relatively high churn numbers.
- Provide quality assurance of imported data, working with quality assurance analysts if necessary.
- Supporting the data warehouse in identifying and revising reporting requirements.
- Assessing tests and implementing new or upgraded software and assisting with strategic decisions on new systems.
- Troubleshooting the reporting database environment and reports.
- Evaluating changes and updates to source production systems and Training end users on new reports and dashboards.

MS SQL Server Database Administrator   **Sep 2016 - Jul 2019**
Opportunity TO Succeed (OTS) - Cincinnati, OH
- Responsible for database structures management and administration tasks on SQL server RDBMS such as taking and maintaining database backups to restore, application and database support, performance analysis and tuning, security, and audits.
- Upgraded database management software SQL server 2008 to SQL server 2016 with In-place and Side by Side upgrade for new applications in the company.
- Configured and setup Always On availability groups in a Windows cluster test, and production environment, where two were in-house and 1 in a data center for disaster recovery.
- Handled SQL Server installations, Configuration, Security, and maintenance following best practices.
- Used SQL Server Profiler, Extended Events, Database Engine Tuning (DTA) for performance tuning & other third-party monitoring tools.
- Coordinate with developers for proper decision making when preparing database development components, writing complex SQL queries and database schemas.
- Worked with the entire IT team to test and maintain database software response times in 24x7 production environments.
- Leveraged technical expertise to mitigate downtime by proactively implementing corrective measures which in turn positively impact end-user experience.
- Production support, project planning, internal audit, routine maintenance, resolve issues, system documentation, database analysis, and executing administration tasks in a high-pressure environment.

- Install and configure SQL Server Integration and Reporting Services (SSIS), (SSRS).

Graduate Teaching Assistant   **Aug 2019 - Jun 2021**
Austin Peay State University, Clarksville, TN
- Wrote the statistical section of a protocol for a project that included: study design, the definition of study endpoints, randomization scheme, sample size calculation, multiplicity adjustments, subgroup analysis, interim analysis, and detailed statistical methods.
- Performed analyses of datasets with SAS and R using various statistical methods.
- Analyzing data using NumPy and pandas in python and SQL for undergraduate lab work.
- Independently conducted advanced lab work, data cleaning for machine learning projects.
- Tutored statistics and mathematics and helped students overcome their academic challenges (Statistics and Probability with the use of R and SAS).