Wrote the most complex ETL (Extract / Transform / Load) processes, designs database systems, and developed tools for real-time and offline analytic processing. Troubleshoot software and processes for data consistency and integrity. Led the integration of highly complex and large-scale data from a variety of sources for business partners to generate insight and make decisions.

- Translated business specifications into design specifications and code.
- Established analytical rigor and methods for writing complex programs, ad hoc queries, and reports; ensured all code is structured and documented and is easy to maintain and reuse.
- Partnered with internal clients and leaders to gain an expert understanding of highly strategic, high-risk business functions and informational needs.
- Worked closely with technical and data analytics experts across the business to implement data solutions.
- Acted as the highest point of escalation for data analysis and served as a technical consultant for the client.
- Created an analytics-driven environment by gathering requirements, assessing gaps, and building roadmaps and architectures.
- Educated and developed junior data engineers on the team while applying quality control to their work and increasing their knowledge in specialized Data Engineering techniques and processes.
- Tested and implemented highly complex new software releases through regression testing. Identified issues and engaged with vendors to resolve and elevate software into production.
- Turned raw data into usable data pipelines and built data tools and products for effort automation and easy data accessibility.
- Diagnosed the existing architecture, data maturity, and identify gaps.
- Built data assets that enhance the quality of overall data structures by implementing the data science program.
- Identified gaps and implement solutions for data security, quality, and automation of processes.