

Neil J. Holcombe
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Professional Summary

Results-driven Data Engineer specializing in designing, developing, and maintaining data warehouses, with experience integrating data from data lakes and diverse sources. Skilled in Informatica, Talend, SQL (Oracle, SQL Server, HiveQL, Postgres), Python, REST/SOAP APIs, and Linux environments. Quick to learn and adapt to new technologies, with a proven ability to optimize ETL performance, mentor teams, and drive process automation. Experienced in Agile environments and managing cross-functional data initiatives.

Core Competencies

- ETL Tools: Informatica (7–10.4.1), Talend, SSIS
- Programming: Python, C#, C++, Bash, PL/SQL
- Databases: Oracle, SQL Server, DB2, Teradata
- Tools & Platforms:
 - Workload Automation (Control-M, IBM Workload Scheduler/Tivoli);
 - DevOps (GitHub, Jenkins, JFrog);
 - Incident Management (PagerDuty, Remedy);
 - IDEs (Visual Studio, PyCharm)
- Data Modeling: Erwin, Metadata Design, Data Marts

Education

BA in Computer Science, Minor in CMIS
Southern Illinois University Edwardsville – Dec 2006
AS in General Science (Honors)
Parkland Community College – Aug 2003

Professional Experience

Enterprise Data Engineer | USCellular, Chicago, IL | Sep 2021 – Present

- Designed, developed, and deployed ETL pipelines using Talend, Informatica, SQL, and Python to integrate data into HDFS and relational databases while ensuring performance and data quality.
- Optimized large-scale data processing by writing complex HiveQL queries for aggregation and transformation of datasets in HDFS, improving distributed processing efficiency and supporting downstream analytics.
- Maintained and enhanced data workflows to support enterprise reporting and analytics, leveraging best practices in ETL design and performance tuning.
- Led intake and code review processes for enterprise-wide data initiatives.
- Improved job efficiency through process automation and mentoring junior developers.
- Supported critical systems in an on-call rotation, enhancing data pipeline reliability.

ETL Data Engineer | SmartStream Technologies, Jacksonville, FL | Jun 2021 – Sep 2021

- Built and maintained Talend ETL processes for financial data systems.

Lead ETL Developer (Contract) | Client Resources, Inc., Omaha, NE | Aug 2018 – Jul 2020

- Developed and optimized ETL workflows in Informatica for insurance and finance clients.
- Automated metadata generation with C# and improved SQL efficiency across DB2 and Teradata.
- Managed job scheduling via Control-M and supported CI/CD workflows.

Customer Integration Consultant | FedEx Services, San Ramon, CA | Apr 2016 – Oct 2017

- Integrated data between FedEx shipping platforms and external systems using VBA, SQL, and internal tools.
- Installed, configured, and supported FedEx shipping software including FedEx Web Services and FSMS.
- Provided customer consultation on FedEx and third-party shipping solutions.

Data Warehouse Developer (Remote) | Biz-Telligence LLC, Lake Worth, FL | Mar 2014 – Jul 2015

- Led a data warehouse upgrade project for Exterran Corporation.
- Developed Informatica mappings, workflows, and data load processes.
- Automated metadata upgrades using PL/SQL and performed SQL tuning for large data sets.

Senior Software Support Engineer | Noetix Corporation, Redmond, WA | Jun 2010 – Feb 2014

- Customized ETL solutions using Informatica, PL/SQL, and T-SQL.
- Supported C#-based BI tools and tuned SQL performance for enterprise environments.
- Contributed to data warehouse upgrades for clients including Arvin Meritor.

Software Developer/Data Warehouse Developer | Jaros Technologies, Granite City, IL | Jul 2005 – Jun 2010

- Refined and optimized an existing data warehouse and integration product using Informatica, PL/SQL, VB.NET,
- Developed Oracle objects (tables, views, triggers, procedures, packages), developed cubes, and performed system integrations. installed Informatica servers.
- Delivered BI solutions for GE T&D, Infocus, and Spartech, including Cognos server setups.