

Hithika Chhaochharia

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Summary

Accomplished Senior Software Engineer with a solid track record in ETL, database engineering, optimization, and large-scale data migrations across both established corporations and early-stage startups. Skilled in handling sensitive healthcare data, and developing robust data transformation pipelines and tools for data quality assurance. Experienced in crafting and executing disaster recovery plans, incorporating fault-tolerant systems and performance optimization. Effective team leader with a talent for mentoring and recruitment.

Experience

Senior Software Engineer, Flatiron Health Inc

Aug 2015 - Present

Technologies: SQL, PL/PGSQL, AWS, Python, Redshift, Snowflake, Airflow, Docker, Terraform, Ansible, SSIS, CDC, ETL

- Spearheaded the migration of petabyte-scale ETL data pipelines and workloads from Redshift to Snowflake, successfully incorporating a data quality framework to rigorously test and validate the migrated data within the Snowflake environment
- Designed and implemented HIPAA-compliant data transformation pipelines using SQL and Python, with a strong focus on handling sensitive data securely, resulting in a remarkable 36% improvement in efficiency
- Implemented change data capture for MS-SQL using SSIS, reducing data latency from 24 hours to a few minutes leading to enhanced real-time data streaming alike access and increased business adaptability
- Planned and executed migration of MSSQL servers from Rackspace to AWS, reducing costs by 43%
- Designed and implemented disaster recovery plans, including fault-tolerant systems and performance tuning
- Engaged with multiple development teams and product managers to contribute to database system design, and participated as an influential member of the technical design committee responsible for supervising all data-related initiatives, while offering specialized knowledge as a subject matter expert on technical project matters
- Contributed to recruiting SWEs and mentored new team members, guiding the team's roadmap

Database Engineer, Standard & Poor's CapitalIQ, New York

Feb 2012 - July 2015

Technologies: T-SQL, PL/PGSQL, C#, .Net, Powershell, XML, ETL

- Used extensive knowledge in RDBMS concepts, database objects creation, and Transact-SQL query writing (DDL, DML, DCL) to build data transformation pipelines
- Optimized performance of stored procedures and functions, reducing the run time of existing code by 87.73%
- Handled designing, installing, creating, and maintaining databases, backup and recovery, optimization, and replication between data servers
- Led the Campus Recruiting team in hiring and training college hires

Education

- Master of Science in Information Technology | Rensselaer Polytechnic Institute, Troy, NY | *Aug 2010 - Dec 2011*
- Bachelor of Technology in Instrumentation and Control Engineering | JNTU, India | *Aug 2006 - May 2010*