








# David Patel

Senior Data Engineer

## Contact info

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-  United States, Chicago, IL

## Education

-  **University of Illinois at Urbana-Champaign** 2013 - 2015  
United States
-  **University of Chicago** 2008 - 2012  
United States
-  **Google Cloud**  
Google | 2021
-  **Associate**  
Amazon Web Services | 2019

## Skills

ETL Processes & Data Pipelines	<div><div></div><div></div><div></div><div></div><div></div></div>
Data Warehousing (Redshift, Snowflake)	<div><div></div><div></div><div></div><div></div><div></div></div>
Big Data Technologies (Hadoop, Spark)	<div><div></div><div></div><div></div><div></div><div></div></div>
SQL, Python, Java	<div><div></div><div></div><div></div><div></div><div></div></div>
Cloud Technologies (AWS, GCP)	<div><div></div><div></div><div></div><div></div><div></div></div>
Database Design & Optimization	<div><div></div><div></div><div></div><div></div><div></div></div>



## Languages

- English: Native
- Spanish: Intermediate (Business Proficiency)


## Professional summary

Senior Data Engineer with over 10 years of experience in designing, building, and maintaining scalable data infrastructure. Expertise in managing large datasets, optimizing data pipelines, and ensuring data integrity for enterprise-level applications.

## Experience

-  **Senior Data Engineer** January 2020 - Now  
**CloudTech Solutions**, United States, Chicago, IL
  - Lead the development and optimization of data pipelines, reducing data processing time by 35%.
  - Manage ETL workflows for a 2TB dataset, ensuring 99.9% data integrity and availability.
  - Collaborate with data scientists and analysts to improve data accessibility and enhance model performance.
  - Implement automation for routine data maintenance tasks, reducing manual errors and saving 10 hours per week.
-  **Data Engineer** June 2015 - December 2019  
**Data Systems Inc.**, United States, Chicago, IL
  - Designed and deployed data pipelines for multiple business units, ensuring smooth integration with internal systems.
  - Developed and maintained databases for handling transactional data, improving query performance by 25%.

## Volunteer Experience

-  **Data Engineering Mentor** April 2019 - Now  
Tech for Good (Nonprofit Organization)