Christian Torres

Data Architect | Data Modeling | Spatial Data Solutions

@ help@enhancv.com   🔗 linkedin.com   📍 Cleveland, OH

SUMMARY

With over 8 years of extensive experience in database design and management, I bring a deep expertise in SQL Server, data warehousing, and spatial data handling. My career highlights include designing cutting-edge database solutions that significantly reduce costs and enhance system performance. I am excited about the opportunity to contribute to innovative data architectural projects.

EXPERIENCE

Senior Data Architect
01/2019 - Present

Oracle
Cleveland, OH

- Led the design and deployment of a new data warehousing solution that processed over 10TB of data daily, enhancing data retrieval times by 35%.
- Implemented a comprehensive backup and recovery system that decreased data loss risk by 50% and ensured 99.99% availability.
- Collaborated with cross-functional teams to integrate spatial data handling that improved location-based analytics capabilities.
- Developed new data model architectures that reduced processing overhead by 25%, supporting rapid scalability.
- Orchestrated the transition of database systems to cloud platforms, achieving a reduction in operational costs by 20%.
- Managed a team of 10 database analysts to foster best practice development methods, elevating project delivery efficiency.

Data Architect
01/2016 - 12/2018

IBM
Cleveland, OH

- Designed and executed a strategic plan for the migration of legacy systems to modern SQL databases, reducing maintenance costs by 30%.
- Established data security measures that led to a 40% reduction in vulnerability exploits within the first year of implementation.
- Enhanced system performance by optimizing query response times and doubling the speed of report generation for client-facing applications.
- Developed and maintained over 300 data models throughout multiple projects, ensuring consistency and accessibility.
- Facilitated the seamless replication of critical databases across different geographical locations, boosting data redundancy.

Database Manager
01/2013 - 12/2015

Accenture
Columbus, OH

- Oversaw the management of database operations for over 50 clients, ensuring optimal performance and minimal downtime.
- Implemented a new SQL Server monitoring strategy that increased database uptime to 99.95%.
- Trained 15 junior database architects on data management best practices, contributing to a more knowledgeable department.
- Conducted comprehensive reviews and updates to existing database systems, improving operational efficiency by 15%.

EDUCATION

Bachelor of Science in Computer Science
01/2008 - 01/2012

Ohio State University
Columbus, OH

Master of Science in Data Science
01/2013 - 01/2015

Carnegie Mellon University
Pittsburgh, PA

LANGUAGES

English   Native   ●●●●○
Spanish   Proficient ●●●●○

ACHIEVEMENTS

💡 **Reduced Operational Costs**
Led a cloud migration project that cut operational costs by 20%, by enhancing efficiency and scalability for the company.

🪁 **Data Loss Prevention**
Implemented a new backup and recovery solution that reduced the risk of data loss by 50%, ensuring continuous data availability.

☆ **Improved Data Retrieval Times**
Engineered a data warehousing solution that enhanced data retrieval times by 35%, supporting faster decision-making processes.

SKILLS

SQL Server · Database Design ·

Data Warehousing ·

Cloud Data Management ·

Spatial Data Handling

PROJECTS

Open Source Data Visualization Tool

Contributed to the development of a data visualization tool for SQL databases, improving usability for non-technical users. See more on github.com/DataVizTool.

Spatial Data Enhancement Project

Developed enhancements for an open-source project aimed at improving spatial data accuracy in urban planning. More details at github.com/SpatialDataProject.

CERTIFICATION

Advanced SQL Optimization
Focused on advanced techniques in SQL query optimization, provided by Coursera.

Cloud Data Architectures
Explored modern cloud data architectures and their applications, offered by Pluralsight.

PASSIONS

✎ **Community Volunteer Work**
Volunteer at local tech hubs, teaching coding and database management to underprivileged youth, fostering a love for technology.