Liam Krakowiecki

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Data Architect

Highly skilled Data Architect with 4 years of experience in developing and implementing data architecture standards, optimizing database performance, and improving data accuracy. Proven track record in reducing data processing time by 20%, increasing data accessibility by 40%, and improving data security compliance by 20%. Exceptional skills in collaborating with stakeholders, researching new technologies, and implementing data quality checks to drive successful product launches and improve data analysis capabilities.

WORK EXPERIENCE

Data Architect   03/2022 – Present
DataWorks Inc.

- Developed and implemented a new data architecture standard, resulting in a 25% increase in data accuracy and a 20% reduction in data processing time.
- Collaborated with stakeholders to define data requirements for a new product launch, resulting in a successful launch with a 95% customer satisfaction rate.
- Optimized database performance by implementing new indexing strategies, resulting in a 30% reduction in query response time.

Data Engineer   03/2020 – 03/2022
DataForge Solutions Inc.

- Designed and implemented a new data warehouse, resulting in a 40% increase in data accessibility and a 15% reduction in data processing time.
- Developed and maintained ETL processes to move data between systems, resulting in a 25% reduction in data errors and a 20% increase in data processing efficiency.
- Researched and evaluated new data technologies and tools, resulting in the adoption of a new data visualization tool that improved data analysis capabilities by 50%.

Data Analyst   03/2019 – 03/2020
DataSphere Analytics Inc.

- Developed and maintained data integration processes, resulting in a 30% reduction in data integration errors and a 25% increase in data processing efficiency.
- Designed and implemented data security and access control policies, resulting in a 40% reduction in data breaches and a 20% increase in data security compliance.
- Analyzed existing data sources and systems to identify areas for improvement, resulting in the implementation of new data quality checks that improved data accuracy by 35%.

SKILLS & COMPETENCIES

- Data modeling and database design
- ETL development and optimization
- Data warehousing and data integration
- Data quality and accuracy improvement
- Database performance tuning and optimization
- Data security and access control
- Data visualization and analysis tools
- Big data technologies and tools
- Cloud-based data storage and management
- SQL and NoSQL databases
- Data migration and transformation
- Data requirements analysis and collaboration
- Machine learning and AI integration
- Data governance and compliance
- Project management and stakeholder communication

COURSES / CERTIFICATIONS

Microsoft Certified: Azure Data Engineer Associate   04/2023
Microsoft

AWS Certified Big Data - Specialty   04/2022
Amazon Web Services (AWS)

Google Cloud Professional Data Engineer   04/2021
Google Cloud

EDUCATION

Bachelor of Science in Information Technology or Bachelor of Science in Computer Science with a focus on Data Architecture.   2016 – 2020
Rensselaer Polytechnic Institute

Troy, NY

Data Architecture
Database Management