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YALING ZHAN

Strategic data engineer with over six years of experience developing, optimizing, and managing data solutions within a leading consulting firm. Proficient in Python, SQL, and Java. Incorporates AWS technologies to analyze datasets and optimize cloud resources.

Focused on directing and mentoring a team of data engineers.

CONTACT

 (123) 456-7890

 email@example.com

 LinkedIn | Portfolio

 Minneapolis, MN 12345

KEY SKILLS

- Database management
- Data pipeline maintenance
- ETL processes
- AWS and Google Cloud
- ML
- Technical Project management
- SQL, Python, Java

EDUCATION

- Bachelor of Science (B.S.), Computer Science | University of Washington | Seattle, WA | June 2017

PROFESSIONAL EXPERIENCE

DATA ENGINEER II | DIAMOND CONSULTING | SEATTLE, WA
FEBRUARY 2022 - PRESENT

- Own the end-to-end development of data engineering solutions, leveraging AWS technologies to analyze 10TB of data daily
- Manage and optimize AWS resources, including EC2, RDS, and Redshift
- Automated the ETL process for over 50 distinct data sources and saved approximately 200 hours of manual data processing each month
- Direct a team of five data engineers and act as a mentor to junior members
- Collaborate with business intelligence (BI) engineers to adopt best practices in reporting, analysis, data integrity, test design, and documentation
- Conduct monthly workshops on big data technologies for the engineering team, reducing annual external training costs by \$15,000

DATA ENGINEER | PYRAMID ANALYTICS | SEATTLE, WA
MARCH 2018 - JANUARY 2022

- Executed and maintained scalable data pipelines, processing over 5 million data points daily
- Kept up-to-date on the latest AWS technologies to increase efficiency and new insights
- Participated in the design and deployment of a data lake, consolidating data from over 100 diverse sources into a centralized repository
- Reduced data latency by 25% after developing ETL pipelines for high-volume data sources
- Facilitated efficient data integration by interfacing with technology teams, employing SQL and AWS technologies to improve data accessibility and reliability

CERTIFICATIONS

- AWS Certified Data Engineer - Associate | Amazon | March 2020
- Google Cloud Certification - Data Engineer | Google | February 2018