SENIOR DATA ENGINEER

Senior Backend Software Engineer | Python, C++

@ name@email.com   🔗 linkedin.com   📍 San Francisco, CA

SUMMARY

Senior Data Engineer with 8 years of experience designing, implementing, and optimizing data solutions. Skilled in building robust data pipelines, ETL processes, and data architectures. Proficient in Python, SQL, and Scala, with expertise in Apache Spark and Hadoop. Experienced in data modeling, warehousing, and cloud platforms like AWS and Azure. Proven track record of collaborating with cross-functional teams to deliver data-driven insights and drive business growth. Committed to continuous learning and staying updated with the latest industry trends in data engineering.

EXPERIENCE

Senior Data Engineer
DataCore

2022 - Present
San Francisco, CA

- Designed and implemented a scalable data architecture that increased data processing capacity by 50%
- Led the development of a real-time streaming data pipeline that provided insights into customer behavior with a latency of under 5 seconds
- Implemented data quality checks that reduced data errors by 80%, ensuring accurate analysis and decision-making

Senior Backend Software Engineer
Google

2018 - 2022
San Francisco, CA

- Developed and maintained the backend infrastructure for Google's search engine. The infrastructure supports billions of search queries per day and is responsible for delivering reliable and fast results.
- Implemented a new caching system that reduced the latency of search results by 10%. The caching system also improved the efficiency of the search engine by reducing the amount of data that needed to be processed.
- Built a new load balancing system that improved the availability of the search engine by 99.9%. The load balancing system also improved the performance of the search engine by distributing traffic more evenly across servers.
- Worked with a team of engineers to develop a new feature for the search engine. The feature was released on schedule and within budget, and it was well-received by users.

Software Developer
DataTech

2015 - 2018
Austin, TX

Contributed to the development of data analysis software.
- Implemented data processing algorithms in Python, resulting in a 30% reduction in processing time.
- Collaborated with cross-functional teams to gather requirements and design software solutions.
- Developed automated test suites, reducing manual testing efforts by 40%.
- Troubleshot and resolved software defects, ensuring high-quality deliverables.

STRENGTHS

⭐ **Problem Solver**
Developed innovative solutions resulting in a 30% reduction in system downtime.

💡 **Collaborative Team Player**
Successfully collaborated with cross-functional teams to deliver projects on time and within budget.

SKILLS

Python · C++ · AWS Services · SQL · MySQL · PostgreSQL · NoSQL databases · Atlassian JIRA · Confluence · Terraform · Git · CI/CD · Agile Methodologies

CERTIFICATION

Advanced Database Systems
Course on advanced database concepts and implementation offered by Stanford University.

Machine Learning with Python
Certification course on machine learning using Python provided by Coursera.

EDUCATION

Master of Science in Computer Science
University of California, Berkeley
2013 - 2015

Bachelor of Engineering in Software Engineering
University of Michigan
2009 - 2013