Abid Shariff

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PROFESSIONAL SUMMARY

Seasoned Data Engineer with 15+ years of expertise in designing scalable data solutions and optimizing enterprise analytics infrastructure. Delivered mission-critical data platforms supporting millions of users while mastering Python, SQL, AWS, and real-time processing technologies.

CORE COMPETENCIES

Python | SQL | Git | Machine Learning | Data Science | AWS | Spark | Hadoop | Kafka | ETL | Data Modeling | Apache Airflow | Redshift | DynamoDB | Microservices

PROFESSIONAL EXPERIENCE

Amazon   **Dec 2020 - Present**
Data Engineer   Dallas, TX

- Designed AI-powered data discovery solutions using AWS Bedrock and LLMs, integrating Redshift/DynamoDB datasets to optimize data accessibility and reduce query response times by 40% for analytics teams
- Engineered real-time analytics pipelines processing 1M+ hourly associate workloads globally using Spark streaming technology, enabling data-driven decision making across multiple business units
- Architected centralized metrics library with 200+ recruiting KPIs, eliminating data discrepancies in executive reporting and improving data consistency across all recruiting dashboards by 95%
- Led migration of legacy reporting systems to microservices architecture, resolving 15+ integration challenges and reducing system maintenance overhead by 60% through automated deployment pipelines
- Implemented operational run-books reducing support tickets by 30% through automated incident resolution workflows

CGI   **Jun 2015 - Dec 2020**
Senior Data Engineer   Austin, TX

- Deployed AWS infrastructure meeting SOC2 compliance requirements, reducing security vulnerabilities by 40% through implementation of comprehensive monitoring and access control systems
- Built fault-tolerant data environments improving application uptime to 99.95% through auto-scaling designs and redundant system architecture across multiple availability zones
- Migrated 50+ on-premises applications to AWS cloud, achieving 52.8M annual infrastructure cost savings

EDUCATION

BS Computer Science | University of Texas at Dallas | 2013 - 2017
- Relevant coursework: Data Structures, Algorithms, Database Systems, Software Engineering, Machine Learning