ABID SHAIK

Senior Data Engineer

(716) 970-9249 ◇ [abidshariff009@gmail.com](mailto:abidshariff009@gmail.com) ◇ Dallas, Texas, 76210, United States ◇ [LinkedIn](https://www.linkedin.com/in/abid-shaik-92693b52/)

# SUMMARY

As a Senior Data Engineer at Amazon on the Workforce Intelligence team, I play a key role in delivering critical analytics that empower our Talent Acquisition team to enhance features within Amazon’s internal hiring platforms. I build centralized data platforms that are used daily by thousands of users - recruiting coordinators, hiring managers, and senior executives - to improve the candidate experience and reduce hiring costs. Additionally, I've designed and implemented real-time analytics solutions that have optimized workload management for over a million hourly associates globally. My work also includes developing reusable solutions to streamline batch and real-time data transformation pipelines, providing self-service analytics for stakeholders.

# SKILLS

## Cloud Platform: AWS

**Scripting Languages:** Python, SQL, Pyspark, Scala, Java, Unix

**Big Data Tech:** Hadoop, Spark

**Visualization Tools:** Amazon QuickSight, Tableau, Cognos **Database Management:** PostgreSQL, MySQL, MongoDB, Oracle **Orchestration Tools:** Apache Airflow

**ETL Tools:** Informatica Powercenter, Informatica Cloud

# EXPERIENCE

## Sr. Data Engineer

Amazon

Dec '20 — Present Dallas, United States

Trained LLMs in AWS Bedrock to build an AI assistant that integrated inputs from internal wiki documents and data from Redshift and DynamoDB, providing self-service analytic and data discovery capabilities.

Designed and implemented real-time analytic solutions that transformed the workload management for over a million hourly associates worldwide.

Developed the data model for a centralized metrics library containing over 200 core recruiting metrics, which eliminated data integrity issues and improved accuracy for executive reporting.

Played a pivotal role in migrating a critical data reporting system to a modern micro-services architecture, addressing challenges, resolving blockers, and ensuring smooth transitions to new platforms.

Led a cross-functional team to create an innovative case management tool that significantly improved user experience, earning leadership recognition for creativity and efficiency.

Spearheaded process improvements, including developing run-books and checklists, which resulted in a 30% reduction in operational tickets and improved overall service reliability.

Designed and implemented a custom maintenance utility for a large-scale data platform, reducing system costs by 50% and improving platform stability.

Developed an automation framework that reduced time-to-market for new data pipelines by 70%, increasing team efficiency and responsiveness to business needs.

Designed and implemented security protocols that improved the ability to respond to incidents quickly, ensuring data protection and compliance with organizational standards.

## Data Engineer

CGI

Jun '15 — Dec '20 Boston, United States

Designed and implemented AWS systems in line with compliance and security standards, reducing security risks by 40% and improving system reliability for business-critical applications.

Built and deployed scalable, fault-tolerant environments that enhanced application uptime by 30%, enabling more consistent and accessible data workflows for teams.

Led cloud migration of on-prem applications to AWS, achieving a 25% reduction in infrastructure costs and supporting increased operational flexibility and scalability.

Developed centralized data repositories and automated data workflows, reducing manual data handling by 50% and enabling teams to access insights faster, improving decision-making across business units.

## ETL Analyst

Tech Mahindra

Feb '13 — Jul '14 Hyderabad, India

Built a decision support model for Insurance policies, which reduced the cost of Insurance claims by 35%Published customized interactive reports and dashboards using Tableau Server.

Developed a scoring model using Informatica Data Quality to automate the de-duplication process of over 50 million passenger vehicle licenses.

Designed and developed a data repository in Oracle via Informatica PowerCenter ETL processing to re-design 70+ analytic dashboards for an investment bank with $1B + in assets.

## Systems Engineer

Infosys

Oct '10 — Oct '12 Hyderabad, India

 Managed current and historical financial transactions of a multinational bank using Informatica and Oracle DB.

 Designed and developed various OBIEE Interactive Dashboards and reports with drill-downs, guided navigation, filters, and prompts.

 Developed Unix shell scripts to schedule and execute the Informatica jobs in UNIX and optimized the existing Informatica mappings by checking for bottlenecks, reducing the execution time by 70%.

 Automated one of the production support processes by developing a tool that reduced the manual effort by 65%.

# EDUCATION

**Masters in Information Systems,** University at Buffalo (GPA: 3.89) Buffalo, United States

**Bachelors in Computer Science,** Vellore Institute of Technology (GPA: 3.7) Vellore, India

# CERTIFICATIONS

## AWS Data Engineer (Associate)

Amazon Web Services

## AWS Solutions Architect (Associate)

Amazon Web Services

## AWS Cloud Practitioner

Amazon Web Services