Mohammad Farooq Yelgodu

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Results-driven Data and Cloud Engineer with 3+ years of experience in SQL, Databricks, AWS, Jenkins, Git, and Linux, specializing in data processing, pipeline optimization, and system automation. Proven expertise in CI/CD pipeline management, production support, and cloud infrastructure,monitoring, troubleshooting, and optimizing data workflows, ensuring high availability and performance. Strong collaborative skills, working with cross-functional teams to enhance system reliability and efficiency.

Work Experience

Senior Associate Consultant *at INFOSYS*   Aug 2022 – Aug 2024

Client:NAB(National Australia BANK)

Role: ADA SSS SILVER SUPPORT

Technology: SQL,Jenkins, GIT,Databricks

Responsibilites

- Proficiency in using Databricks for big data processing and analytics and Knowledge of Databricks notebooks, clusters, and data pipelines.
- Served as a Data Analyst, assisting end users with data inquiries and performing data profiling for accuracy and consistency.
- Provided technical support to developers, ensuring adherence to coding best practices and streamlined workflows.
- Maintained the Master Git repository, managing multiple assets efficiently.
- Strong SQL querying skills, including JOINs, subqueries, and optimization
- Conducted root cause analysis (RCA) for production issues, implementing long-term solutions to reduce recurring failures.
- Facilitated team collaboration through shared notebooks, promoting best practices in data analysis.
- Optimized Spark jobs for performance, reducing execution time and resource consumption.
- Trained new team members on Databricks and best practices, boosting team productivity

Client: CITI BANK

Project: CITI Payment Insights

Environment: Linux, shell Scripting and SQL

Responsibilites

- Worked on CR8 Module as part of the CITI Payment Insights Program, a third-party tool used to ingest, process, and load data into a Big Data environment.
- Monitored and managed 50+ real-time data streams, ensuring seamless data ingestion and processing.
- Collaborated with the Production Support team to identify and resolve stream failures, latency issues, and data mismatches.
- Initiated and managed stream restarts in lower environments upon request from the testing team for validation and debugging purposes.
- Actively participated in daily stand-up meetings and Scrum calls, providing key updates on CR8 Module operations and incident resolutions.
- Maintained and updated the Daily Scrum Report, ensuring clear visibility into ongoing tasks, incidents, and resolutions.

Associate Engineer *at Successive Technologies Pvt Ltd* `Apr 2021 - Jul 2022`

Responsibilities

- Deploy and manage AWS resources, including EC2 instances, S3 buckets, Route 53 for DNS management,RDS, and Load Balancers.
- Manage load balancers to distribute traffic efficiently across application servers.
- Implemented AWS IAM policies to enforce security best practices and compliance standards.
- Design, implement, and maintain CI/CD pipelines to automate software deployments,Using tools like Jenkins, or AWS CodePipeline to facilitate continuous integration and delivery.
- Work with SQL databases, perform backups, and ensure data integrity and Optimize database performance and troubleshoot issues as needed.
- Set up monitoring and alerting systems to track application health and performance.
- Built and deployed Docker containers for microservices, improving scalability and resource efficiency.
- Created Docker images and maintained Dockerfiles for application packaging and environment consistency.
- Used Docker Compose to define and manage multi-container applications, simplifying development and deployment.
- Integrated Docker with CI/CD pipelines (Jenkins, AWS CodePipeline) to automate build, test, and deployment processes.

Certifications

Oracle Database SQL Certified Associate `Nov 2022`
Databricks Certified Data Engineer Associate `Aug 2023`

Education

Master in Computer science *at University of South Dakota* `2024–2026`

Bachelor of Technology in Electronics and Communication Engineering *at Lakireddy Balireddy College of Engineering.* `Jul 2015 - May 2019`

- CGPA : 7.34

Board of Intermediate *at Deeksha Junior College* `Jun 2013 - Mar 2015`

- Percentage : 91.5

Board of Secondary Education *at Gowtama Techno Concept School*
`Jun 2012 - Mar 2013`

- CGPA : 8.8

Skills

- Database : SQL
- Cloud: Databricks, AWS (EC2, S3, RDS, Load Balancers)
- CI/CD and DevOps: Jenkins, GitHub, AWS CodePipeline,Docker
- Project Management Tool : Service Now
- Operating System : Windows,Linux
- Tools/IDE : Eclipse IDE,Visual studio,SQL Developer
- Communication and team collaboration

Languages

- English
- Hindi
- Telugu