

AJAY GADDAM

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SUMMARY

Cloud Data Engineer with 4 years of experience building and scaling high-volume pipelines in Azure and AWS. Skilled in Python, SQL, and automation tools like Jenkins, GitHub Actions, Docker, and Kubernetes to optimize ETL workflows and reduce latency. Proven ability to deliver secure, efficient solutions that transform business needs into actionable cloud-based insights.

SKILLS

- **Programming & Scripting:** Python, SQL, Bash, Shell
- **Cloud & Infrastructure:** Azure (Azure Data Factory, Azure data bricks, Azure data lake storage), AWS, Terraform (IaC)
- **Containers & Orchestration:** Docker, Kubernetes
- **Automation & CI/CD:** Jenkins, GitHub Actions, Continuous integration and continuous delivery pipelines
- **Version Control:** Git, Gitlab
- **Monitoring & Analytics:** Azure monitor, Power BI

PROFESSIONAL EXPERIENCE

LTI Mindtree | Microsoft

January 2024 - Present

Cloud Data engineer

Seattle, Washington

- Built and managed data pipelines using Python, SQL and Azure Data Factory to process over 500 gigabytes of data per day, reducing latency by 50 percent through performance tuning and automation.
- Improved query execution by 40 percent through indexing, partitioning, and restructuring of data joins and schemas.
- Implemented unit testing in Python and built automated delivery pipelines with GitHub Actions.
- Deployed containerized applications with Docker, Kubernetes, Jenkins, and Azure to improve infrastructure efficiency by 25 percent and maintain cloud scalability.
- Collaborated with development teams to convert business needs into technical solutions, while resolving issues across development and production systems.

Reacredence IT Solutions

October 2023 - January 2024

Cloud engineer

Huntersville, North Carolina

- Created delivery pipelines using Jenkins, Docker, and Kubernetes to automate deployments and support modular services.
- Managed and configured virtual machines and storage across Azure and Amazon Web Services platforms, completing successful transitions from physical servers.
- Maintained web applications and services on Azure and Amazon Web Services with monitoring using Application Insights and CloudWatch.
- Developed container-based deployments using Docker, increasing efficiency by 20 percent.
- Used Terraform to define and control infrastructure resources, ensuring consistency and secure operations.

HCL Technologies

July 2019 - February 2022

Senior Analyst

India

- Automated monthly system patching using Jenkins, decreasing manual effort by 40 percent and enhancing system reliability.
- Created deployment scripts with Maven and Jenkins, reducing transition time between environments.
- Integrated version control using Git and Ansible, reducing configuration errors by 15 percent.
- Managed incident and change processes through ticketing tools, improving response time by 20 percent and enhancing service quality.

EDUCATION

Saint Peter's University, New Jersey

February 2022 - August 2023

Masters of Science, Data Science

- **GPA:** 3.9

Malla Reddy Engineering College, Hyderabad

August 2015 - April 2019

BTech, Computer Science and Engineering

CERTIFICATIONS

- Microsoft Certified: Fabric Data Engineer Associate DP-700
- Microsoft Certified: Azure Administrator Associate AZ-104