

BHARGAVI DUDUKU

CLOUD/ DATA ENGINEER

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A passionate Data & Cloud Engineer graduating with a Master's in Computer & Information Systems in May 2025. I have hands-on experience in building data pipelines, cloud solutions, and full-stack applications using tools like AWS, GCP, Python, and SQL. I'm driven by curiosity, a love for learning, and a desire to build impactful, scalable systems at the intersection of data, cloud, and AI.

SKILLS

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| Programming Languages: Python, SQL, Bash, R, Java | Data Visualization: Tableau, Power BI, Excel, Matplotlib | Big Data & ETL Technologies: Apache Spark, Hadoop, dbt, Talend, Apache NiFi |
| Databases: PostgreSQL, MySQL, MongoDB | Analytics: EDA, Feature Engineering, Data storytelling | DevOps: Terraform, GitHub Actions |
| Cloud Platforms: AWS, Azure, GCP | Tools: Eclipse, Pycharm, SPLUNK, SOAP APIs, SSMS, MS EXCEL, Git, Linux | CloudFormation, Docker, Jenkins, |

PROFESSIONAL EXPERIENCE

Restyled by Izzy (Data Analyst)

Nov 2023 – April 2024

- Worked with Alteryx to process and convert giant datasets by null handling, deleting duplicates, removing outliers, and optimizing ETL operations.
- validated website backend data through tracking users' activity, web traffic, and transactions in order to update and maintain proper records.
- Monitor and compared user engagement (user interaction likes and comments), inventory, and sales metrics, crafting interactive dashboards through Tableau/Power BI.
- Performed exploratory data analysis (EDA) to determine patterns and trends on sales performance as well as the activity of the users and improved it by more than 50%.
- Created predictive models in Python and Alteryx to forecast sales and improve inventory planning, leading to improved decision-making.

Vanguard (Full stack developer)

Nov 2021 – August 2023

- Migrated legacy apps to AWS (S3, Lambda, EC2, Glue, Redshift), improving performance by 2x–3x
- Developed full-stack features using Angular, Java & Python
- Built ETL pipelines with AWS Glue and Python/SQL for user data
- Collaborated on A/B tests, increasing online sales by 25%
- Built Power BI and Tableau dashboards to monitor KPIs

ICloud (Data & Cloud Engineering Intern)

Nov 2023 – April 2024

- Used Alteryx for cleaning and transforming large datasets
- Integrated AWS (S3, Lambda, Glue, IAM, Athena) with Alteryx workflows
- Built geospatial dashboards to analyze regional trends
- Automated alerting and reporting with CloudWatch
- Supported hybrid cloud solutions with AWS + GCP

EDUCATION

Saint Louis University

Aug 2023 - May 2025

Master of Science in Computers and Information Systems

Jawaharlal Nehru Technological University - Hyderabad

Aug 2014 - May 2016

Bachelor of Science in Computers and Electronics engineering

CERTIFICATIONS

- AWS Certified: Solutions architect associate.
- Microsoft Certified: Azure Data Engineer Associate
- Udemy: Data Science, ML, DL & NLP
- Java, Typescript, Power BI from Infosys internal
- Alteryx from I Cloud