

Smita Maruti Chaudhari

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SUMMARY

An information technology graduate student with 4 years of professional experience in big data development, broad range of big data and cloud technologies, cloud-based services. Seeking full-time opportunities.

EDUCATION

Master of Science in Information Technology

Arizona State University, Tempe, Arizona

May 2024

GPA 4.0/4.0

Bachelor of Engineering in Electronics and Telecommunication

Savitribai Phule Pune University, Pune, India

September 2017

GPA 3.8/4.0

TECHNICAL SKILLS

Programming Languages: Python, SQL, Shell scripting, HTML/CSS. **Cloud:** AWS, Azure, Snowflake, Google Cloud. **Big Data Ecosystem:** Hadoop, Apache Spark, MapReduce, hive, HDFS, Sqoop, ETL, Parquet, Airflow, Data Visualization, Analytics & Management, Databricks, SparkSql, Product Analytics, Agile, Scrum, Jupyter Notebook. **Technical Tools:** IntelliJ, Jira, Wherescape RED and 3D, Confluence, Tableau, Microsoft SQL Server, GitHub, MS Office, Excel, Control M, Proton, VS. **CI/CD:** Git, Jenkins, Linux/Unix, MacOS. **Certifications:** AZ-900 Microsoft Azure Fundamentals, DP-200 Azure Data Engineer Associate

PROFESSIONAL EXPERIENCE

IBM India Pvt Ltd, Data Engineer, India

February 2021 - July 2022

- Delivered over 50 precise data reports and spearheaded strategic planning for migrating diverse data sources to cloud platforms such as AWS and Snowflake Cloud, decreased downtime by 20%.
- Collaborated with a cross-functional teams to resolve data issues, with 98% issue resolution rate.
- Optimized distributed databases and data warehouses, improved database performance by 65% through query processing and load balancing. Expertise in client-server and object-oriented databases.
- Led and guided a team of 3 interns, offering mentorship in Wherescape RED & 3D, and cloud.

Cognizant Technology Solutions, Big Data Developer, India

February 2019 - February 2021

- Developed a comprehensive big data and data lake platform with integrated business rules, attaining a remarkable 92% data accessibility rate. Seamlessly integrated with Qlik Sense and Tableau dashboards.
- Implemented CI/CD pipeline using Jenkins shared libraries to ensure reliable software deployments.
- Analyzed large raw datasets, designed and implemented Spark-powered dashboards in multi layered production platform, resulting 85% to 95% enhancement in data quality and decision-making.
- Automated project deployment with Control-M, cut down manual errors in software release by 75%.

FedEx, Data Support Engineer, India

September 2018 - February 2019

- Provided end-user technical support for data inquiries, maintained up-to-date data documentation.

ACADEMIC PROJECTS

Dashboard for Udemey Courses Analysis

August 2022 - December 2022

- Developed custom analytical tools to generate comprehensive reports on Udemey's course offerings using Python Bokeh library, accomplished 95% data accuracy.
- Crafted a trend line visualization for in-depth course price analysis, resulting in improved user engagement and actionable insights for decision-making.

Stock Trading DBMS

January 2023 - May 2023

- Designed a Cloud-Based Stock Trading DBMS using serverless architecture, reduced trade processing time by 30%. Achieved 100% compliance with AWS KMS encryption and IAM for user authentication.
- Leveraged AWS Elastic MapReduce (EMR) for advanced data analysis in cloud DBMS, boosting portfolio profitability by 15% through data-driven decision-making and real-time stock insights.