

CHITRANJALI EDPUGANTI

Data Engineer

Dallas, TX

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[Website](#)

SUMMARY

Computer Science Engineer specializing in Data Engineering and Distributed Computing Systems. Experienced in designing and implementing robust data pipelines and developing serverless applications. Proficient in driving CI/CD processes through DevOps methodologies, leveraging cloud platforms and event-driven architectures. Excels in ETL and Data Modeling, employing modern data stack technologies such as ETL/ELT, DBT, Snowflake, Airflow, and Apache Spark. Certified AWS Developer Associate with a strong foundation in cloud-based data analytics engineering. Passionate about leveraging cutting-edge technologies to drive data-driven insights and deliver scalable solutions for complex data challenges.

TECHNICAL SKILLS

Data Tools:	Spark, Data Build Tool(DBT), ETL/ELT, Data pipelines, Airflow
Databases:	MySQL, PostgreSQL, MongoDB, Snowflake
Languages:	Python, SQL, Javascript, HTML/CSS, Bash.
Framework:	Django, Bootstrap, AWS-CDK
Cloud:	EC2, S3, RDS, VPC, Lambda, EMR, Glue, Cloudwatch
DevOps:	Docker, Jenkins, Terraform, Rabbitmq, K8s
Tools:	Git, Postman, Vault

WORK EXPERIENCE

Cerner, Bangalore

Oct 2018 - Aug 2021

Role: Cloud Engineer

- Refactored Auditor-Actor framework, an inhouse project to keep track on cloud vm's across company deployed through serverless on AWS.
- Design, create or update and maintain ETL/ELT data pipelines using Airflow, dbt and custom Python processes for moving structured and unstructured data from SQL Server, Snowflake, Flat Files, HDFS systems, Data Lakes, S3 and API sources and load it to data warehouses like Snowflake for analytics purposes.
- Proficient in orchestrating complex data pipelines and workflows using Apache Airflow, enabling scheduling, monitoring, and dependency management of data processing tasks.
- Experienced with IaaS tools like terraform, cdk, serverless and managing applications, including function definitions, event triggers, resource provisioning and log handling.
- Experience in building Jenkins pipelines using Groovy, Python and Shell to automate CICD pipelines.
- Created analytics dashboards for displaying top users for weekly, monthly and all time to track and visualize user engagement and activity.
- Experience in developing data processing tasks using PySpark.
- Implemented Circuit breaker for auditor actor framework to prevent cascading failures.
- Created a python internal package to be used as layers on AWS lambda which is used across 40+ microservices.
- Worked on enabling aws config across all tenants, using stack sets with AWS CDK.
- Responsible for performing tasks like Branching, Tagging, and Review Activities on Git.
- Implemented automated email approvals using NLP for cab/food allowances approvals.

Accenture Solutions, Hyderabad

Oct 2016 - Sep 2018

Client: United Colors of Benetton, Italy.

Role: SAP Technical consultant

- Responsible for development, Code Reviews, Transporting objects.
- Checking feasibility for requested features and estimating timelines, both for standard and custom enhancements.
- Worked on Inbound Idocs, implicit enhancements., SLG log, sending data to third party systems using proxy, web services interface, creating background jobs.
- Writing qualified unit tests and maintaining uniform Quality Standards.
- Handled issues and bug fixes while upgrading landscape from patch 5 to 16.

- Trained freshers about the project activities and workflow.

Tata consultancy services

Mar 2014 – Oct 2016

Client: Subaru, Australia.

Role: SAP Technical/Basis consultant

- Coding and designing the Technical Specifications based on Functional specifications.
- Interacting with functional team to resolve the issues in the given objects.
- Worked extensively in designing module pool programs.

EDUCATION

University of Texas at Arlington, Arlington, TX

2021 – 2023

M.S. in Computer Science, **GPA: 3.45**

Graduate Coursework: Theory of computation; Operating Systems; Databases; Algorithms; Computer Networks; Artificial Intelligence; Data mining; Machine learning; Big Data & Cloud computing

Vardhaman college of Engineering, Hyderabad, IN

2009 – 2013

B.Tech in Electrical Engineering, **GPA: 7.3 / 10.**

AWARDS/CERTIFICATIONS/TALKS

- **Star award**, Cerner: Star awards for Quarter 4, 2019 and Quarter 1, 2020.
- **Hot skill award**, Accenture: Hot skill bonus for year 2017 - 2018 for having SAP Hana expertise.
- Delivered a tech talk at CDK 2020 global conference on AWS Config with AWS CDK.
- AWS Certified Developer - Associate. (AWS-ADEV-563)