



SUBHADEEP SEN
DATA ENTHUSIAST

EVERBODY LOVES A NICE STORY.
I TELL MINE WITH DATA!!

CONTACT INFO

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- Kolkata, West Bengal, India

EDUCATION

- 2012-2016**
Bachelor of Technology
Heritage Institute Of
Technology, Kolkata
- 2005-2012**
**Secondary and Higher
Secondary**
Ramakrishna Mission Vidyapith,
Purulia

TECHNICAL SKILLS

- ☐ Python
- ☐ PySpark
- ☐ Amazon Redshift
- ☐ Hadoop
- ☐ AWS EMR, s3, ec2, DMS
- ☐ GCP DataProc
- ☐ GCP Big-Query
- ☐ SQL
- ☐ Git-Hub

PERSONAL DETAILS

- Date Of Birth : Nov 28, 1994
- Sex : Male
- Nationality : Indian
- Designation : IT Analyst
- Passport : Z3563344

ABOUT ME

I am a Data enthusiast looking forward to work in a stimulating environment, where I can implement and enhance my skills and knowledge to meet both organizational and individual goals. Team player with strong desires to face new challenges and expand my skills set.

EXPERIENCE

- DEC 2020 – PRESENT** **LEAD PYTHON DEVELOPER**
Worked for US client as Python and AWS expert for developing customized python framework to automate back-end data preparation for BI Dashboard. Developed User-Defined functions(UDF) and scripts to interact with AWS s3,uploading data to s3 bucket, unloading data from AWS s3 to Amazon Redshift tables. Developed validation and syncing scripts to auto-sync updated data to BI dashboard and refresh.
- DEC 2019 – NOV 2020** **LEAD BACK-END DEVELOPER & ANALYST**
Worked for US client as Amazon Redshift expert to design advanced Redshift Tables, developed optimized queries to manage large volume of data and generate back-end data for Analytical Reports of BI dashboard hosted in ec2 instance.
- DEC 2018 – NOV 2019** **VISUALIZATION DEVELOPER**
Worked as visualization developer to migrate BI reports from Tableau to cloud-based visualization tool Yellow-fin and DOMO
- APR 2017 – NOV 2018** **SOFTWARE DEVELOPER**
Member of the development Team for developing a Data Ware House for Client using SQL

PROFESSIONAL SYNOPSIS

Over 4.5 years of experience as Data Engineer. Proficient in Analyzing User requirement and functional specifications. Well versed in Exploratory Data Analysis, developing Data pipeline and providing data solutions.Team Player with excellent communication skills.

PYTHON
Experienced with core Python programming, developing customized scripts for automation, developing UDF(user-defined functions), ORMs(Object-Relational Mappers)
Used Python to develop customized framework to interact with AWS s3, Amazon Redshift for preparation of data on cloud. This frame work is selected for TCS Innovista Speed 2022 under Design-Honor category.

AMAZON REDSHIFT
Understanding of Amazon Redshift Architecture and hands on experience in developing advanced Tables and optimizing complex Queries in Amazon Redshift
Used materialized view and optimizing techniques of Redshift for dealing with large volume of data and faster report loading

AWS S3,EC2,EMR,DMS
Hands on experience in AWS Management console and AWS services like S3, EC2, EMR, IAM ,Redshift.
Experienced in deployment in AWS ec2 instance using Putty and WinSCP.

BIG-DATA
Understanding of Spark framework with Python and developing Data Pipeline.

VISUALIZATION
Experienced in User Experience design of Business Analysis Dashboard and visualization tools like Yellowfin and Domo. Basic experience in Tableau.

GIT-HUB
Used various version control tools like GitHub. Have wide experience to work with multi member working on same module.