

Santanu Adhikary

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Education

Techno Main Saltlake <i>Bachelor of Technology in Electronics and Communication Engineering, CGPA: 8.92</i>	Kolkata, India June 2020 { Aug. 2023
Techno Main Polytechnic <i>Diploma in Electronics and Communication Engineering, CGPA: 8.1</i>	Kolkata, India May 2017 { May 2020
Lycee <i>Secondary Education, 81.2%</i>	Kolkata, India May 2016 { May 2017

Experience

Programmer Analyst Trainee <i>Cognizant Technology Solutions</i>	Apr. 2024 – Present Kolkata, India
<ul style="list-style-type: none">Developed and integrated modular, reusable, and parameterized Python scripts with Oracle database, ensuring compliance with Cognizant's quality and process standards.Achieved seamless integration of Python modules with HPALM for ETL Testing Automation, significantly reducing manual work by 70%.	
Data Engineer Intern <i>Cognizant Technology Solutions</i>	Dec. 2023 – Apr. 2024 Coimbatore, Tamil Nadu
<ul style="list-style-type: none">Implemented SQL concepts in real-world scenarios using Snowflake, Teradata, and Redshift, improving data retrieval efficiency by 25%.Developed and deployed data engineering solutions utilizing AWS services, including Amazon S3 and Redshift, leading to a 30% reduction in data processing times.	

Personal Projects

Sales Analysis <i>Python, PySpark, ETL, Data Bricks</i>
<ul style="list-style-type: none">Analyzed customer behavior, sales patterns, and inventory. Implemented data ingestion, transformation, customer segmentation, and trend analysis to enable data-driven decision-making.Integrated diverse data sources and performed complex analytical queries. GitHub Link - click here.
Realtor Website <i>ReactJS, API, Vercel</i>
<ul style="list-style-type: none">A real-estate lookup market with a dynamic filter feature developed using ReactJS and an API for fetching the data and deployed on Vercel.Live demo - click here. GitHub Link - click here
Addidas Data Analysis Project with AWS <i>AWS Services</i>
<ul style="list-style-type: none">Developed a sales data analysis platform using AWS services for efficient data management and visualization.Implemented secure data ingestion from Kaggle to Amazon S3, configured IAM roles, and established a data pipeline to Amazon Redshift with VPC and security group settings.Utilized SQL for data cleaning and transformation in Redshift, ensuring high data accuracy and consistency for efficient querying.Developed interactive sales performance dashboards using Amazon QuickSight, enabling detailed analysis of product performance and revenue trends. GitHub Link - click here.

Technical Skills

Languages: Java, Python, SQL
Technologies: AWS Cloud, Snowflake, Teradata, PySpark, Git, Database Management Systems, Windows

Certificates & Coursework

Snowflake Masterclass: 06/2024
Cloud Computing on AWS: 05/2024
Summer Industrial Internship on Internet of Things: 07/2022 – 08/2022
Coding with Java Programming from ASD: 10/2021 – 02/2022
Machine Learning & Data Analytics: 04/2021 – 06/2021