

Sovan Kar

Data Engineer

Experienced, results-oriented, resourceful, and problem-solving Data engineer with leadership skills. Adapt and met the challenges of tight release dates. Over 1+ year of experience in the data engineering field, includes Development, and Implementation of various applications in Big Data and Azure environments.



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WORK EXPERIENCE

Project Engineer Wipro Technologies

12/2020 - Present

Bengaluru, Karnataka, India

Azure Data Engineer at Chevron Corporation

- Creation of new data product for bringing in required data from external sources, design and implement the architecture and ELT workflow using Azure resources. Supposedly would increase business revenue around \$200MN.
- Designing and implementing a ELT data product in Azure to process data from millions of raw records from Oracle source systems. Building data pipelines using Azure Data Factory from scratch starting with source data analysis, loading into the Azure SQL Data Warehouse and transformation using Azure Databricks.
- Performed historical data analysis of numerous data products to analyze the root cause of the anomalous records and performing data refresh or creation of an enhanced data load system.
- Enhanced several data products reducing downtime to minimal and upgrading them for efficient processing.
- Assisted in upgrade of data source servers by latching existing data products to the new instances of it and performed sniff testing as part of UAT.
- Maintained and handled any incidents or requests for several data products, that were raised as part of pipeline failures or data issues.

Achievements: 1. Inspiring Performance - 2. Walk of Fame

Intern Uniq Technologies

01/2020 - 02/2020

Bengaluru, Karnataka, India

Achievements/Tasks

- Enhanced the coding skills on Python and worked on projects. Developed a hotel management system as part of the code development skills.
- Learnt about team work and efficient working norms.
- Learnt to communicate with business proficiency.

EDUCATION

Bachelor of Engineering Sri Sairam College of Engineering

08/2016 - 08/2020

Bengaluru, Karnataka, India

Visvesvaraya Technological University (VTU)

- Computer Science and Engineering
- CGPA: 8.43

Higher Secondary D.A.V. Model School

04/2014 - 04/2016

Durgapur, West Bengal, India

Central Board of Secondary Education (CBSE)

- Computer Science and Mathematics
- Percentage: 79.83

SKILLS

Azure (Databricks, Data Factory, ADLS, SQL DB, Data Warehouse, SE)

Python

Scala

SQL (MySQL, Oracle SQL, t-SQL)

Hadoop

Spark

Hive

Sqoop

SSMS

SQL Developer

Tableau

C

C++

Java

PERSONAL PROJECTS

Firefighting and Surveillance Drone (08/2019 - 02/2020)

- Developed a neural network that detects and matches an arbitrary object with an image in real time. Two different models are engaged at a time to detect object and fire based on the user's choice of general surveillance or fire detection. By using the CNN architecture of features classification the entire process of detection is made faster and more robust.

Disaster Management Earth Observatory Satellite (08/2018 - 02/2019)

- Designed a lower earth observation satellite for disaster management in equatorial region using cloud penetration technique for Singapore Space Challenge. Worked on camera payload, design and simulation of the satellite using SSTK (Satellite Simulation Toolkit)

Voice Controlled Car (04/2018 - 05/2018)

- The car is designed to be controlled by voice commands. We connect the Bluetooth module with the mobile app. Once done, the commands which we give through the mobile get sent to the Arduino via the module. We accept single characters from the serial buffer sent by the app and combine them to form a string.

CERTIFICATIONS

Microsoft Certified: Azure Data Engineer Associate (05/2021)

https://www.credly.com/badges/1f8ed067-a7a8-4d72-b8f6-b5a8d1d629af/public_url

Microsoft Certified: Azure Data Fundamentals (07/2021)

https://www.credly.com/badges/9b0aca8b-1cff-41cb-838f-9693b43f7a83/public_url

Microsoft Certified: Azure Fundamentals (03/2021)

https://www.credly.com/badges/e4614416-e186-46ec-aab2-ad466f19399f/public_url

Microsoft Certified: Azure AI Fundamentals (09/2021)

https://www.credly.com/badges/c12f673e-3fdb-4224-babb-219dc747d759/public_url

NPTEL: Joy of Computing Using Python (04/2019)

Conducted by IIT Madras. Awarded Gold-92% [Top 5% global]

Databases and SQL for Data Science with Python (12/2019)

<http://coursera.org/verify/LZ3JXMHNJ9Q7>

SQL(Intermediate+Basic) certification & 5 star SQL [HackerRank] (12/2021)

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Bengali

Native or Bilingual Proficiency