Shilpi Karmakar
Data Analytics Enthusiast

Easily adjustable and a good going team partner. Dedicated towards my work and contribute in work diligently. Capable of solving crucial problems along with critical thinking. Enthusiastic about data and passionate towards working with it.

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github.com/shilpikarmakar ⚫

EDUCATION

B. Tech CSE
Dehradun Institute of Technology
07/2019 - Present   *Till 8th semester CGPA-8.83*

Class 12th
City Montessori School
04/2018 - 05/2019   *Obtained 94% in ISC Board examination.*

Class 10th
City Montessori School
04/2016 - 05/2017   *Obtained 91.2% marks in ICSE Board Examination*

PROJECTS

Predicting Fraud customer transaction using GCP
- A capstone project during internship with TEKsystems Global Services on prediction fraud customer transaction using GCP wherein various features of GCP were made to use like:
- a. Cloudshell for accessing the public dataset of GCP.
- b. Google Cloud Storage for data storage using buckets.
- c. Dataprep for data cleaning and preparation.
- d. Migration of the cleaned data to BigQuery where analysis was done on the basis of various ML algorithms.
- Finally, the visualisation was done using Tableau.

Weather Monitoring System using Arduino
- An efficient watering system was built using Arduino UNO
- The project was carried through different phases
- First phase focused on real time temperature and humidity monitoring via DHT11 / DHT22 temperature and humidity sensors.
- Second phase focused on monitoring the content of soil moisture via sensors and automating the process of watering it.

Multi User Chat App
- Built a multi user chat app based on the concepts of oops and the main language used was Java.

WORK EXPERIENCE

Technical Trainee
TekSystems Global Services
02/2023 - 06/2023
Achievements/Tasks
- During the internship tenure, the main focus was laid on various technical concepts like Python, SQL, Big Data, Hadoop, Hive, Informatica, Tableau, AWS, GCP
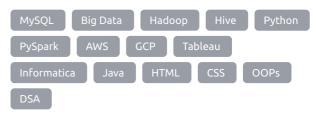
Student
Dehradun Institute of Technology
07/2019 - Present
Achievements/Tasks
- Served as a member of Chief Advisory board in The Debating Society, DITU for the year 2022-2023.
- Served as a Public Relations head in The Debating Society, DITU for the year 2021-2022 and Documentation head for 2020-2021.
- Worked as a content Writer intern in Failure To Success
- Won the best rebuttal team in inter college debate competetion
- Participated in Youth Forum organized by AIESEC, Dehradun

SKILLS

MySQL · Big Data · Hadoop · Hive · Python · PySpark · AWS · GCP · Tableau · Informatica · Java · HTML · CSS · OOPs · DSA

CERTIFICATES

AWS-OTP-AWSD15: AWS Cloud Practitioner Essentials
Completed the certification course of edX offered by AWS. Valid Certificate ID: cee0f375aca9444396f93e9f128848fe

PY0101EN: Python Basics for Data Science(2021)
Completed the certification course of edX offered by IBM. Valid Certificate ID: c460e5b474674031b151cd5a8b01a51e

Content Writer Intern(2020)
Worked as a remote Content Writer Intern in a non-profit organization named Failure to Success where main role was to supply content on various abstract topics as per the requirement.

Youth Forum(2019)
Organized by AISEC Dehradun which is a non-profit youth run non-government organization which enables youth for their leadership development and global volunteer exchange practices.

Best Rebuttal Team in Intercollege(2019)
Won the best rebuttal team in Intercollege Debate Competition in Dehradun against various different colleges in Dehradun.

Part of Junior Youth Empowerment Program
Served as an Animator of Junior Youth Empowerment Program which is an International based organization helping youth towards empowerment and interpersonal growth.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Bengali
Professional Working Proficiency

INTERESTS

Big Data Analytics · Software Development · Coding · Content Writing · Singing