

Shruti Somya

CONTACT NUMBER: 7004453391 | EMAIL-ID: somyashruti.9@gmail.com | LINKEDIN: [/shruti-somya](#) | GITHUB: [/shruti-09](#)

EDUCATION

B. Tech (Chemical Engg.)	2018-22	Birla Institute of Technology, Mesra	8.49	C.G.P.A
CBSE (Class XII)	2016	DAV Gandhinagar, CCL, Ranchi	90.4%	Top 10
CBSE (Class X)	2014	DAV Gandhinagar, CCL, Ranchi	10	1 st

EXPERIENCE

- CLOUDERA, ASSOCIATE SOFTWARE DEVELOPER (IN TEST)** July 2022 -Present
 - Coordinated in the team project to develop DUP Checker to identify config changes in various upgrades.
 - Assessed Alerts in Compaction Observability to merge Delta files during SQL runs to reduce the space in HDFS.
 - Tech Stack Used: Python, SQL, Kubernetes.**
- MICROLAND, TECHNOLOGY INTERN, BENGALURU, INDIA** January 2022 – June 2022

Microland is an IT company which offers services related to infrastructure management and digital workplace.

 - Simplified the process of On-boarding and Off-boarding of devices by Developing Python scripts.
 - Enhanced automation by Integration of Ansible Playbook for the use case.
 - Designed Rest APIs for automated updating of device data in MongoDB Database.
 - Tech Stack Used: Python, Mongo DB, Ansible, REST APIs**
- TATA STEEL, SUMMER INTERN, INDIA** June 2021 - July 2021

Tata Steel is one of the leading steel manufacturing companies in India

 - Researched and Devised Seven Working Solutions for increasing the Cycle of Concentration in Cooling Tower
 - Tech Stack Used: Microsoft Office**

Received Tata Steel Inspire Summer Internship'21 Certificate of Excellence.

ACADEMIC PROJECTS

- SPOTIFY DATA CLUSTERING**
 - Designed a Machine Learning model to clustered data extracted using Spotify API Using K-Means Clustering algorithm
 - Analyzed various clusters and developed insightful visualization using Matplotlib and Pandas
 - Machine Learning Model: K-Means Clustering**
 - Tech Stack Used: Python, NumPy, Pandas, Matplotlib**
- SALES PERFORMANCE DASHBOARD**
 - Enhanced information understandability by modelling KPI dashboard consisting Business data using Tableau.
 - Tech Stack Used: Tableau, Microsoft Office**

SKILLS

- PROGRAMMING LANGUAGES:** C++, Python
- LIBRARIES & FRAMEWORKS:** **Proficient:** Numpy, Pandas, Matplotlib
Familiar: Scikit -Learn, Py-test
- TECHNICAL SKILL-SET:** **Proficient:** MS Office, Object-Oriented Programming, Photoshop, Six-Sigma (Yellow Belt)
Familiar: REST APIs, Linux, Ansible, Kubernetes

ACADEMIC ACHIEVEMENTS AND AWARDS

- Winner** of India Hackathon Cloudera 2022 for Left Shift Upgrade testing project – DUP Checker.
- Awarded the **scholarship** by the Central Coalfields Limited for Excellence in Technical Education from 2018-2020.
- Awarded the **scholarship** by the Central Coalfields Limited for academic excellence for the session 2013-2014 and 2015-16.
- Awarded Prize Money and **certificate of Merit** by DAV Gandhinagar in the year 2014.

POSITIONS OF RESPONSIBILITY

- SARC Coordinator**, the student post of the **Student Alumni Relations Cell, TNP division**
- Web & Cyber Head**, the student post of the **National Service Scheme, BIT Mesra**
- Management team member**, the student post of the **Google Developer Student Club, BIT Mesra**