

MAHENDRA MAURYA

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SKILLS

- Python, Machine Learning, Deep Learning, Hive, Hadoop, Spark, Flask, Azure, GCP, Pandas, Regex, Scala.

PROFESSIONAL WORK EXPERIENCE

Exl Services Client - **CVS** Mar 20 – Present

- **Data Engineering (Python, SQL, Hadoop, Hive, PySpark, Report Automation, Healthcare).**
 - **Streamlined and optimised** production run to reduce runtime from **6 hrs to 4 hrs**.
 - Developed script **monitoring mechanism** to prevent longer run and effective share of resource.
 - Developed process to **analyse patient and provider data**, reduced runtime from **9hrs to 50mins**
 - Developed mechanism for **script comparison** similar **version control (GIT)**.
 - Automated **elementwise comparison** between different **stages in ETL** which **saved 24 hrs of team**.
 - Automated **QC process** for production tables using **SQL**.
 - Automated **monthly reports** which share summarisation of data with **stake authority via email**.
 - **Monitoring production table status**.
 - Automated **space cleaning** process at **production environment**.
 - Automated **Excel reports** for monthly reports reducing **manual efforts from 3 hours to 5 mins**.
 - **Edge node environment setup for production run and users in the team**.
 - Automated salesforce data using **Selenium and BeautifulSoup**.

GlobalLogic Client - **Google** Aug 18 – Mar 20

- **Data Scientist (Natural Language Processing(NLP), Scikit-Learn, Regex, Pandas, Numpy, Machine Learning)**
 - Identification of **themes** comments to identify **actionable items to increase customer satisfaction**.
 - **Classification** of reviews to help the company to **understand** the need of their customer.
 - **Classification** of **product based** on product details as per third party vendor data.
 - **Classification** of **Sentiments** of comments which is shared by customers.
- **GCP Developer (GCP, Flask, Scala, Hive, Spark, Hadoop, Sql)**
 - Developed solution using **GCP Data Fusion for Data orchestration**.
 - Hands on experience in **GCP components like Blob, Batch Services** using python.
 - Hands on experience on **GCP Cloud Storage, GCP Data Bricks (Scala, Python)**.
 - Hands on experience on **pipeline creation and remotely monitoring it using API**.
 - Configured server for **two-way SSL authentication**. Hosted and configured VM on GCP.

AcS Group. Client – **Unilever, Procter & Gamble (P&G)** May 17 – Jul 18

- **Automation/Scraping (Selenium, BeautifulSoup, Regex, Multi-Threading, Pandas)**
 - Developed a solution to **automate** the process of **report generation** on one of the biggest e-retailer US, process the report and upload on **Azure** for further utilization to automate **Power Bi report**.
 - Deployed end-to-end solution for **scraping**, multiple data points to be **crawled on multiple websites**.
 - **Spoofed IP to bypass bot detection**.
 - **Crawled heavy JavaScript** enabled websites using **REGEX, Beautiful Soup & Selenium**.

EDUCATION

Netaji Subhas University of Technology (West Campus - CBPGEC)	B.TECH(IT)	70 %	2016
Government Boys Senior Secondary	CBSE	75 %	2011
Government Boys Senior Secondary	CBSE	70 %	2009

ACHIEVEMENTS

- Received appreciation **award** within the first **6 month** for **process automation**.
- Got **CTO level of appreciation** from client for **streamlining automation process**.
- Achieved **197th** rank in **ZS Machine Learning Hackathon 2019**.
- Achieved **225th** rank in **American express Machine Learning 2019**.
- Achieved **3137th** rank all over the world in **Google CodeJam 2016**.