Shreshtha Siddhi

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Education

Portland State University	Graduation Date: Dec 2023
Masters in Computer Science	CGPA 3.91

Uttar Pradesh Technical University	Aug 2010 - Jun 2014
Bachelor of Technology in Computer Science and Engineering	CGPA 3.90

Work Experience

Data Engineer, INFOSYS, global leader in digital services and consulting

Project 1: HSBC, banking and financial services   *Hyderabad, India*
   Role: Big Data Developer   *Feb 2019 - Nov 2019*
   Environment: Hadoop, Cloudera, Sqoop, Hive, Unix, HDFS, YARN, Jenkins, Git Hub, ZOOKEEPER, CONTROL-M, HIVE

- Transformed client's daily financial data to international end users for their business needs
- Established data management protocol for ingesting business data from different Source Systems and further propagating the staged data to consumer Hive clusters
- Implemented **automation of the Data Lake ingestions** and ETL jobs to schedule the process according to user requirements

Project 2: TELENET, cable broadband services in Belgium   *Pune, India*
Role: Big Data Developer   *Jan 2017-Jan 2019*
Environment: Hadoop , Cloudera, Hive, Apache Pig, Oozie, Spark, Scala, Flume, Oracle

- Handled ad hoc requests by the user to meet the business requirements using Spark Context, Spark SQL, Data Frames and Hive
- **Developed hive schemas** using performance optimization techniques like partitioning
- Imported data from various data sources into Hadoop and transformed it into flexible ways using Apache Flume.
- **Designed extensive Hive queries** to perform data transformations for downstream models
- Managed different file formats like Sequence file, Text files, XML and Flat file format to capture the data in Data Lake and finally reporting in Cognos for business analysis [Managed different file formats using Sequence, Text, XML and Flat file formats to capture the data in Data Lake. Generated Cognos reports for business analysis]

Project 3: TELENET, a cable broadband services in Belgium   *Trivandrum, India*
Role: DataStage Developer   *Sept 2015- Dec 2016*
Tools Used: DATASTAGE, UNIX, COGNOS

- **Designed SQL queries** to perform data cleaning and transformations
- Manipulated data within repositories and data warehouses to meet the business requirements
- Handled enterprise-level data management and transfer solutions using IBM's DataStage
- Monitored jobs and identified bottlenecks in the data processing pipeline
- Maintained data reports on Cognos for business analysis

Technical Training:

- Certified in Big Data and Hadoop Developer from Edureka with Grade A
- Successfully completed Infosys Training as a System Engineer Trainee in Mysore, India
- Obtained certification for Python Beginners Course from Coursera

Volunteer work:

- Volunteered in Hillsboro Public Library for set up and book sale of Friend's Library event in 2021
- Volunteered in check in counter for Oregon International Air Show in McMinnville, OR in 2022
- Interviewed by incoming international students about my experience as a graduate student in PSU in 2022