**Kriti Sharma**

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**EDUCATION**

**Master of Science, Computer Science** **Ohio, USA**

*University of Dayton Aug 2022–May 2024*

**Bachelor of Technology (Hons), Computer Science** **Uttarakhand, India**

*Uttarakhand Technical University***,** *GPA-3.2/4.0* *Aug 2015-July 2019*

**TECHNICAL SKILLS**

**Programming Languages/Libraries**: Python, Pandas, NumPy, HTML   
**Databases**: MySQL, Azure Cosmos, Azure Table Storage, Azure SQL

**Data/Query Language:** Kusto, Scope Query Language, SQL, Data Mining, Data Visualization, Data Transformation   
**Technology/Services**: Azure Data Factory, Azure Data Lake, Azure Synapse Analytics, ETL, Azure Batch, Azure Blob  
**Tools**: Visual Studio, PyCharm, Power BI, Jupyter Notebook, Azure Data Explorer, Azure Data Studio, Git, Azure DevOps

**EXPERIENCE**

**Mindtree, Software Engineer July 2019 – July 2022 | Pune, India**

**Microsoft BIT Research, Microsoft Oct 2020 - July 2022**

* Led the migration of all the scheduled jobs from legacy portal to Azure Data Factory, resulting in an annual 30 percent cost savings and performance increase.
* Built web scraper in python to acquire data from different sources and implemented an ETL with various components like pipeline, activity, mapping data flows, linked services and control flows.
* Designed and implemented real time data pipeline to process semi structured data by integrating 100 million raw records from 20 + data sources using U-SQL Azure, Azure Cosmos Db, and Azure Data Factory.
* Used Kusto Explorer for log analytics, better query response and created alerts using Kusto Query Language.
* Worked with REST APIs to retrieve analytics data from different data feeds.
* Worked with clients to understand business needs and translate those into actionable reports in Power BI, saving almost 13 hours of manual work each week.

**Microsoft Digital Operation Services, Microsoft Sept 2019 – Sept 2020**

* Created SQL queries and stored procedures to handle and maintaining relational database.
* Led data extraction, transformation, and aggregation from multiple file formats for analyzing & transforming.
* Worked on SSMS, Azure Table Storage to fetch/update the data according to the customer requirements.
* Created design documents for new features and enhancement and weekly reports for analysis.
* Have good experience in tracking and logging end to end software application build using Azure DevOps.
* Developed JSON Scripts for deploying the Pipeline in ADF that process the data using the ADF Activity.
* Headed the cross-team trainings and knowledge transfers.

**Indian Institute of Technology Roorkee, Intern July 2018– Sep 2018 | Roorkee**

**Prediction of Forest Fires, in state Uttarakhand, India**

* Created Machine Learning model using real time series analysis to predict the occurrences.
* Trained machine using past fire occurrences and climatic data from Environment information System.
* Achieved 93 percent accuracy using Logistic Regression and Clustering.
* Transformed and cleaned data using pandas and NumPy library.

**CERTIFICATIONS**

* **Microsoft -**AZ-900 Azure Data Fundamentals
* **LinkedIn-** Data Analysis using Power BI