Kriti Sharma

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EDUCATION

Master of Science, Computer Science	**Ohio, USA**
University of Dayton, Current GPA-3.9/4.0	*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, Azure Data Engineer	**September 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
- Data Analysis, Complete Bootcamp

AWARDS AND RECOGNITION

- Achieved highest rating in annual Performance Review.
- Won SPOT On awards- Accountability, A-team awards.
- Organized the technical fest for 3 consecutive years in college.