

SUMMARY

- Software Engineer with one year of experience in Big Data stack, specifically Spark, Python and Microsoft Azure, passionate about learning and adapting new technologies to solve problems and improve solutions by writing efficient and quality code that can scale.

EMPLOYMENT

Specialist Programmer	Infosys Limited	October 2020 - Present
<ul style="list-style-type: none">• Working as a Data Engineer in the Data Sharing and Ingestion team, the key responsibilities include designing and implementing the data flow pipelines, ingestion modules and metadata store.• Conceptualized and implemented a unified data pipeline to ingest 60+ datasets accounting for more than 30% of the total load, reducing the manual effort.• Designed data flow and implemented validations/transformations for datasets as large as 1.5 million records.• Worked on the automation rules creation that reduced the manual intervention and effort by 80%.• Improved the system's efficiency by up to 15% by creating a wrapper/generic script that reduced code repetition and effort to perform similar tasks.		

LANGUAGES AND TECHNOLOGIES

- Programming Languages – Python, Java (basic)
- Big Data – Apache Spark, Hadoop, Hive
- Cloud Services – Microsoft Azure (Data Factory, Databricks, Data Lake Storage)
- Database – SQL
- Others – Git, Agile Methodology, Data Structures and Algorithms

EDUCATION

Dehradun, India	Graphic Era University	July 2016 - June 2020
<ul style="list-style-type: none">• Bachelor of Technology in Computer Science and Engineering with CGPA: 8.59/10• Main coursework – Data Structures, Design and analysis of Algorithms, Database Systems, Operating Systems		

PROJECTS

Augmented Reality Android App	July 2019 - April 2020
<ul style="list-style-type: none">• Developed an Augmented Reality based food ordering application for Android that helps the user visualize a 3D model of the food item in the real world. The application is live on Google Play (link).	
Instagram Filter	July 2020
<ul style="list-style-type: none">• Created an Instagram game filter/effect in Spark AR Studio that can be played by two players simultaneously. Handled the patch editor, scripting, coding and overall logic of the project (link).	
Smart Audio Controller	March 2018
<ul style="list-style-type: none">• Built a utility software in Java that takes live video as input and controls the system's audio using the gesture made (link).	

ACHIEVEMENTS AND CERTIFICATIONS

- Finalist of Spark AR Open Program by School of Innovation India from Facebook.
- Qualified the prestigious examination of GATE (CS) 2020 with a score of 96.5 percentile.
- Certifications – Microsoft certified Azure Fundamentals (AZ-900), Microsoft certified Azure Data Fundamentals (DP-900), Infosys certified Software Programmer, Infosys certified Global Agile Developer